

#### **Troy Laboratories Pty Ltd**

Chemwatch: 5394-80 Version No: 3.1.1.1 Chemwatch Hazard Alert Code: 3 Issue Date: 05/05/2020 Print Date: 06/05/2020

L.GHS.AUS.EN

Safety Data Sheet according to WHS and ADG requirements

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

## **Product Identifier**

Product name	llium Neocort antibiotic, anti-inflammatory, anaesthetic skin emollient cream	
Synonyms	APVMA number: 38637	
Other means of identification	Not Available	
Relevant identified uses of the	substance or mixture and uses advised against	
Relevant identified uses	For use in dogs, cats, horses and cattle for the topical treatment of skin condition caused by neomycin-sensitive organisms and where anti-inflammatory and anaesthetic effect is desired. To be used as directed on product label.	

#### Details of the supplier of the safety data sheet

Registered company name	Troy Laboratories Pty Ltd
Address	37 Glendenning Road Glendenning NSW 2761 Australia
Telephone	02 8808 3600
Fax	02 9677 9300
Website	www.Troylab.com.au
Email	admin@troylab.com.au

#### Emergency telephone number

<b>U U U</b>		
Association / Organisation	Troy Laboratories Pty Ltd	
Emergency telephone numbers	02 8808 3600 (Office hours (8am – 4pm, Monday to Friday))	
Other emergency telephone numbers	Not Available	

## SECTION 2 HAZARDS IDENTIFICATION

Poisons Schedule	S4	
Classification [1]	Skin Corrosion/Irritation Category 2, Serious Eye Damage Category 1, Germ cell mutagenicity Category 2, Reproductive Toxicity Category 1B	
Legend:	1. Classified by Chernwatch; 2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI	
abel elements		
Hazard pictogram(s)		
SIGNAL WORD	DANGER	
azard statement(s)		
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H341	Suspected of causing genetic defects.	
H360FD	May damage fertility. May damage the unborn child.	
recautionary statement(s) Pre	evention	
P201	Obtain special instructions before use.	
P201 P280	Obtain special instructions before use. Wear protective gloves/protective clothing/eye protection/face protection.	

#### Precautionary statement(s) Response

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER or doctor/physician.
P321	Specific treatment (see advice on this label).
P362	Take off contaminated clothing and wash before reuse.
P302+P352	IF ON SKIN: Wash with plenty of water.
P332+P313	If skin irritation occurs: Get medical advice/attention.

#### Precautionary statement(s) Storage

P405 Store locked up.

#### Precautionary statement(s) Disposal

P501 Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

#### **SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

#### Substances

See section below for composition of Mixtures

#### Mixtures

CAS No	%[weight]	Name
8014-38-8	10-30	emulsifying wax BP
57-55-6	10-30	propylene glycol
8042-47-5	1-10	white mineral oil (petroleum)
8002-74-2	1-10	paraffin wax
1405-10-3	<1	neomycin sulfate
Not Available	balance	Ingredients determined not to be hazardous

## **SECTION 4 FIRST AID MEASURES**

#### Description of first aid measures

Eye Contact	<ul> <li>If this product comes in contact with the eyes:</li> <li>Immediately hold eyelids apart and flush the eye continuously with running water.</li> <li>Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.</li> <li>Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.</li> <li>Transport to hospital or doctor without delay.</li> <li>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>	
Skin Contact	<ul> <li>If skin contact occurs:</li> <li>Immediately remove all contaminated clothing, including footwear.</li> <li>Flush skin and hair with running water (and soap if available).</li> <li>Seek medical attention in event of irritation.</li> </ul>	
Inhalation	<ul> <li>If fumes or combustion products are inhaled remove from contaminated area.</li> <li>Lay patient down. Keep warm and rested.</li> <li>Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.</li> <li>Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.</li> <li>Transport to hospital, or doctor.</li> </ul>	
Ingestion	<ul> <li>For advice, contact a Poisons Information Centre or a doctor at once.</li> <li>Urgent hospital treatment is likely to be needed.</li> <li>If swallowed do NOT induce vomiting.</li> <li>If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.</li> <li>Observe the patient carefully.</li> <li>Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.</li> <li>Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.</li> <li>Transport to hospital or doctor without delay.</li> </ul>	

#### Indication of any immediate medical attention and special treatment needed

When systemic reaction to local anaesthetic occurs, steps should be taken to maintain circulation and respiration and control convulsions. A clear airway should be established and oxygen given together with assisted ventilation if necessary. Circulation should be maintained with plasma infusion (or suitable electrolytes). Vasopressors such as ephedrine, metaraminol and methoxamine have been suggested in marked hypotension although their use is accompanied by the risk of CNS excitement. (Vasopressors should not be given in patients receiving oxytocic drugs.) Convulsions may be controlled by the use of diazepam or short acting barbiturates such as thiopentone sodium. It should be remembered that anticonvulsant treatment may also depress respiration. A short-acting neuromuscular blocking agent, together with endotracheal intubation and artificial respiration has been used when convulsions persist.

Methaemoglobinaemia may be treated by intravenous administration of a 1% solution of methylene blue.

MARTINDALE; The Extra Pharmacopoeia, 29th Edition

Local anaesthetics produce vasodilation by blocking sympathetic nerves. Elevating the patient's legs and positioning the patient on the left side will help decrease blood pressure. Treat symptomatically.

Metabolism of amide-type anaesthetics occurs in the liver and in some cases in the kidney. Because these undergo extensive and rapid hepatic metabolism, only about 1/3 of an oral dose reaches the systemic circulation.

## SECTION 5 FIREFIGHTING MEASURES

#### Extinguishing media

The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used. Choice of extinguishing media should take into account surrounding areas.

Though the material is non-combustible, evaporation of water from the mixture, caused by the heat of nearby fire, may produce floating layers of combustible substances. In such an event consider:

- foam.
- dry chemical powder.
- carbon dioxide.

### Special hazards arising from the substrate or mixture

Fire Incompatibility	None known.		
Advice for firefighters			
Fire Fighting	<ul> <li>Alert Fire Brigade and tell them location and nature of hazard.</li> <li>Wear breathing apparatus plus protective gloves in the event of a fire.</li> <li>Prevent, by any means available, spillage from entering drains or water courses.</li> <li>Use fire fighting procedures suitable for surrounding area.</li> <li>DO NOT approach containers suspected to be hot.</li> <li>Cool fire exposed containers with water spray from a protected location.</li> <li>If safe to do so, remove containers from path of fire.</li> <li>Equipment should be thoroughly decontaminated after use.</li> </ul>		
Fire/Explosion Hazard	<ul> <li>Non combustible.</li> <li>Not considered to be a significant fire risk.</li> <li>Expansion or decomposition on heating may lead to violent rupture of containers.</li> <li>Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).</li> <li>May emit acrid smoke.</li> <li>carbon dioxide (CO2)</li> <li>sulfur oxides (SOx)</li> <li>other pyrolysis products typical of burning organic material.</li> <li>May emit poisonous fumes.</li> <li>May emit corrosive fumes.</li> </ul>		
HAZCHEM	Not Applicable		

## SECTION 6 ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

See section 8

#### Environmental precautions

See section 12

#### Methods and material for containment and cleaning up

Minor Spills	<ul> <li>Clean up all spills immediately.</li> <li>Avoid contact with skin and eyes.</li> <li>Wear impervious gloves and safety goggles.</li> <li>Trowel up/scrape up.</li> <li>Place spilled material in clean, dry, sealed container.</li> <li>Flush spill area with water.</li> <li>Clean up all spills immediately.</li> <li>Avoid breathing vapours and contact with skin and eyes.</li> <li>Control personal contact with the substance, by using protective equipment.</li> <li>Contain and absorb spill with sand, earth, inert material or vermiculite.</li> <li>Wipe up.</li> <li>Place in a suitable, labelled container for waste disposal.</li> </ul>
Major Spills	<ul> <li>Clear area of personnel and move upwind.</li> <li>Alert Fire Brigade and tell them location and nature of hazard.</li> <li>Wear full body protective clothing with breathing apparatus.</li> <li>Prevent, by all means available, spillage from entering drains or water courses.</li> <li>Consider evacuation (or protect in place).</li> <li>No smoking, naked lights or ignition sources.</li> <li>Increase ventilation.</li> <li>Stop leak if safe to do so.</li> <li>Water spray or fog may be used to disperse / absorb vapour.</li> <li>Contain or absorb spill with sand, earth or vermiculite.</li> <li>Collect recoverable product into labelled containers for recycling.</li> <li>Collect solid residues and seal in labelled drums for disposal.</li> <li>Wash area and prevent runoff into drains.</li> <li>After clean up operations, decontaminate and launder all protective clothing and equipment before storing and re-using.</li> <li>If contamination of drains or waterways occurs, advise emergency services.</li> </ul>

Personal Protective Equipment advice is contained in Section 8 of the SDS.

## SECTION 7 HANDLING AND STORAGE

Precautions	for safe	handling	

Safe handling

• Avoid all personal contact, including inhalation.

	Wear protective clothing when risk of exposure occurs.
	► Use in a well-ventilated area.
	Prevent concentration in hollows and sumps.
	DO NOT enter confined spaces until atmosphere has been checked.
	DO NOT allow material to contact humans, exposed food or food utensils.
	Avoid contact with incompatible materials.
	When handling, DO NOT eat, drink or smoke.
	Keep containers securely sealed when not in use.
	Avoid physical damage to containers.
	Always wash hands with soap and water after handling.
	Work clothes should be laundered separately. Launder contaminated clothing before re-use.
	Use good occupational work practice.
	Observe manufacturer's storage and handling recommendations contained within this SDS.
	Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.
	Store in original containers.
	<ul> <li>Keep containers securely sealed.</li> </ul>
Other information	Store in a cool, dry, well-ventilated area.
Other Information	Store away from incompatible materials and foodstuff containers.
	Protect containers against physical damage and check regularly for leaks.
	Observe manufacturer's storage and handling recommendations contained within this SDS.
ditions for safe storage, in	cluding any incompatibilities
	<ul> <li>Glass container is suitable for laboratory quantities</li> </ul>

Suitable container	<ul> <li>Glass container is suitable for laboratory quantities</li> <li>Polyethylene or polypropylene container.</li> <li>Packing as recommended by manufacturer.</li> <li>Check all containers are clearly labelled and free from leaks.</li> </ul>	
Storage incompatibility	Avoid strong acids, bases.	

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **Control parameters**

## OCCUPATIONAL EXPOSURE LIMITS (OEL)

I.	INGR	EDIE	NT C	DATA	
2					

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	propylene glycol	Propane-1,2-diol total: (vapour & particulates)	150 ppm / 474 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	propylene glycol	Propane-1,2-diol: particulates only	10 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	white mineral oil (petroleum)	Oil mist, refined mineral	5 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	paraffin wax	Paraffin wax (fume)	2 mg/m3	Not Available	Not Available	Not Available

EMERGENCY LIMITS

Material name		TEEL-1	TEEL-2	TEEL-3
Polypropylene glycols		30 mg/m3	330 mg/m3	2,000 mg/m3
Propylene glycol; (1,2-Propanediol)		30 mg/m3	1,300 mg/m3	7,900 mg/m3
Mineral oil, heavy or light; (paraffin oil; Deobase, deodorized; heavy paraffinic; heavy naphthenic); distillates; includes 64741-53-3, 64741-88-4, 8042-47-5, 8012-95-1; 64742-54-7		140 mg/m3	1,500 mg/m3	8,900 mg/m3
Original IDLH Revised IDLH				
Not Available	Not Available			
Not Available Not Available				
2,500 mg/m3 Not Available				
Not Available	Not Available			
	Polypropylene glycols Propylene glycol; (1,2-Propanediol) Mineral oil, heavy or light; (paraffin oil; Deobase, deodorized; heavy para distillates; includes 64741-53-3, 64741-88-4, 8042-47-5, 8012-95-1; 6474 Original IDLH Not Available Not Available 2,500 mg/m3	Polypropylene glycols         Propylene glycol; (1,2-Propanediol)         Mineral oil, heavy or light; (paraffin oil; Deobase, deodorized; heavy paraffinic; heavy naphthenic); distillates; includes 64741-53-3, 64741-88-4, 8042-47-5, 8012-95-1; 64742-54-7         Original IDLH       Revised IDLH         Not Available       Not Available         Not Available       Not Available         Not Available       Not Available         2,500 mg/m3       Not Available	Polypropylene glycols     30 mg/m3       Propylene glycol; (1,2-Propanediol)     30 mg/m3       Mineral oil, heavy or light; (paraffin oil; Deobase, deodorized; heavy paraffinic; heavy naphthenic); distillates; includes 64741-53-3, 64741-88-4, 8042-47-5, 8012-95-1; 64742-54-7     140 mg/m3       Original IDLH     Revised IDLH       Not Available     Not Available       Not Available     Not Available       2,500 mg/m3     Not Available	Polypropylene glycols     30 mg/m3     330 mg/m3       Propylene glycol; (1,2-Propanediol)     30 mg/m3     1,300 mg/m3       Mineral oil, heavy or light; (paraffin oil; Deobase, deodorized; heavy paraffinic; heavy naphthenic); distillates; includes 64741-53-3, 64741-88-4, 8042-47-5, 8012-95-1; 64742-54-7     140 mg/m3     1,500 mg/m3       Original IDLH     Revised IDLH     Not Available       Not Available     Not Available

OCCUPATIONAL EXPOSURE BANDING

Not Available

Ingredient	Occupational Exposure Band Rating	Occupational Exposure Band Limit		
emulsifying wax BP	D	> 0.01 to ≤ 0.1 mg/m³		
neomycin sulfate	E ≤ 0.01 mg/m <sup>3</sup>			
Notes: Notes: Occupational exposure banding is a process of assigning chemicals into specific categories or bands based on a chemical's potency a adverse health outcomes associated with exposure. The output of this process is an occupational exposure band (OEB), which corres range of exposure concentrations that are expected to protect worker health.		output of this process is an occupational exposure band (OEB), which corresponds to a		

Not Available

## MATERIAL DATA

neomycin sulfate

#### Exposure controls

Enclosed local exhaust ventilation is required at points of dust, fume or vapour generation.

Appropriate engineering controls

HEPA terminated local exhaust ventilation should be considered at point of generation of dust, fumes or vapours.

	Barrier protection or laminar flow cabinets should be conside	red for laboratory scale handling.		
	A fume hood or vented balance enclosure is recommended for	or weighing/ transferring quantities exceeding 500 mg.		
	When handling quantities up to 500 gram in either a standard laboratory with general dilution ventilation (e.g. 6-12 air changes per hour) is preferred. Quantities up to 1 kilogram may require a designated laboratory using fume hood, biological safety cabinet, or approved vented enclosures. Quantities exceeding 1 kilogram should be handled in a designated laboratory or containment laboratory using appropriate barrier/ containment technology.			
	Manufacturing and pilot plant operations require barrier/ containment and direct coupling technologies.			
	Barrier/ containment technology and direct coupling (totally e typically use double or split butterfly valves and hybrid unidire Glove bags, isolator glove box systems are optional. HEPA fi	ectional airflow/ local exhaust ventilation solutions (e.g. po	wder containment booths).	
	Fume-hoods and other open-face containment devices are acceptable when face velocities of at least 1 m/s (200 feet/minute) are achieved. Partitions, barriers, and other partial containment technologies are required to prevent migration of the material to uncontrolled areas. For non-routine emergencies maximum local and general exhaust are necessary. Air contaminants generated in the workplace possess varying "escape" velocities which, in turn, determine the "capture velocities" of fresh circulating air required to effectively remove the contaminant.			
	Type of Contaminant:		Air Speed:	
	solvent, vapours, etc. evaporating from tank (in still air)		0.25-0.5 m/s (50-100 f/min.)	
	aerosols, fumes from pouring operations, intermittent conta	ainer filling, low speed conveyer transfers (released at	0.5-1 m/s (100-200	
	low velocity into zone of active generation) direct spray, drum filling, conveyer loading, crusher dusts, g motion)	gas discharge (active generation into zone of rapid air	f/min.) 1-2.5 m/s (200-500 f/min.)	
	Within each range the appropriate value depends on:			
	Lower end of the range	Upper end of the range		
	1: Room air currents minimal or favourable to capture	1: Disturbing room air currents		
	2: Contaminants of low toxicity or of nuisance value only.	2: Contaminants of high toxicity		
	3: Intermittent, low production.	3: High production, heavy use		
	4: Large hood or large air mass in motion	4: Small hood-local control only		
	Simple theory shows that air velocity falls rapidly with distanc with the square of distance from the extraction point (in simpl accordingly, after reference to distance from the contaminatin of 1-2.5 m/s (200-500 f/min.) for extraction of gases discharg producing performance deficits within the extraction apparatu more when extraction systems are installed or used.	le cases). Therefore the air speed at the extraction point ng source. The air velocity at the extraction fan, for exam ed 2 meters distant from the extraction point. Other mech	should be adjusted, ple, should be a minimum nanical considerations,	
	The need for respiratory protection should also be assessed contamination, PAPR, full face air purifying devices with P2 o		•	
	The following protective devices are recommended where ex	posures exceed the recommended exposure control guid	elines by factors of:	
	10; high efficiency particulate (HEPA) filters or cartridges			
	10-25; loose-fitting (Tyvek or helmet type) HEPA powered-air	purifying respirator.		
	25-50; a full face-piece negative pressure respirator with HEF	PA filters		
	50-100; tight-fitting, full face-piece HEPA PAPR			
	100-1000; a hood-shroud HEPA PAPR or full face-piece supp	blied air respirator operated in pressure demand or other	positive pressure mode	
Personal protection				
	When handling very small quantities of the material eye prote For laboratory, larger scale or bulk handling or where regular	, ,		
Eye and face protection	<ul> <li>Chemical goggles.</li> <li>Face shield. Full face shield may be required for supplementary but never for primary protection of eyes.</li> <li>Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, de</li> </ul>			
Skin protection	See Hand protection below			
Hands/feet protection	<ul> <li>Rubber gloves (nitrile or low-protein, powder-free latex, latex/ nitrile). Employees allergic to latex gloves should use nitrile gloves in preference.</li> <li>Double gloving should be considered.</li> <li>PVC gloves.</li> </ul>			
	<ul> <li>Wash hands immediately after removing gloves.</li> <li>Protective shoe covers. [AS/NZS 2210]</li> <li>Head covering.</li> </ul>			

Body protection	See Other protection below
Other protection	<ul> <li>For quantities up to 500 grams a laboratory coat may be suitable.</li> <li>For quantities up to 1 kilogram a disposable laboratory coat or coverall of low permeability is recommended. Coveralls should be buttoned at collar and cuffs.</li> <li>For quantities over 1 kilogram and manufacturing operations, wear disposable coverall of low permeability and disposable shoe covers.</li> <li>For manufacturing operations, air-supplied full body suits may be required for the provision of advanced respiratory protection.</li> <li>Eye wash unit.</li> <li>Ensure there is ready access to an emergency shower.</li> <li>For Emergencies: Vinyl suit</li> </ul>

#### Recommended material(s)

#### GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the:

"Forsberg Clothing Performance Index".

The effect(s) of the following substance(s) are taken into account in the computergenerated selection

Ilium Neocort antibiotic, anti-inflammatory, anaesthetic skin emollient cream

Material	CPI
BUTYL	С
NATURAL RUBBER	С
NEOPRENE	С
PE/EVAL/PE	С
PVA	С
VITON	С

\* CPI - Chemwatch Performance Index

A: Best Selection

B: Satisfactory; may degrade after 4 hours continuous immersion

C: Poor to Dangerous Choice for other than short term immersion

NOTE: As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -

\* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

#### **Respiratory protection**

Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Where the concentration of gas/particulates in the breathing zone, approaches or exceeds the "Exposure Standard" (or ES), respiratory protection is required. Degree of protection varies with both face-piece and Class of filter; the nature of protection varies with Type of filter.

Required Minimum Protection Factor	Half-Face Respirator	Full-Face Respirator	Powered Air Respirator
up to 10 x ES	A-AUS P2	-	A-PAPR-AUS / Class 1 P2
up to 50 x ES	-	A-AUS / Class 1 P2	-
up to 100 x ES	-	A-2 P2	A-PAPR-2 P2 ^

#### ^ - Full-face

A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

- Cartridge respirators should never be used for emergency ingress or in areas of unknown vapour concentrations or oxygen content.
- The wearer must be warned to leave the contaminated area immediately on detecting any odours through the respirator. The odour may indicate that the mask is not functioning properly, that the vapour concentration is too high, or that the mask is not properly fitted. Because of these limitations, only restricted use of cartridge respirators is considered appropriate.
- Cartridge performance is affected by humidity. Cartridges should be changed after 2 hr of continuous use unless it is determined that the humidity is less than 75%, in which case, cartridges can be used for 4 hr. Used cartridges should be discarded daily, regardless of the length of time used

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

Appearance	ce White to off white shiny homogeneous cream with no odour; mixes with water.		
Physical state	Non Slump Paste	Relative density (Water = 1)	Not Available
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Applicable
pH (as supplied)	Not Available	Decomposition temperature	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Applicable
Flash point (°C)	Not Applicable	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Applicable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Applicable	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Applicable	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	Miscible	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

## SECTION 10 STABILITY AND REACTIVITY

Reactivity See section 7

Chemical stability	<ul> <li>Unstable in the presence of incompatible materials.</li> <li>Product is considered stable.</li> <li>Hazardous polymerisation will not occur.</li> </ul>
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

## SECTION 11 TOXICOLOGICAL INFORMATION

## Information on toxicological effects

Inhaled	Inhalation of vapours or aerosols (mists, fumes), generated by the material during the course of normal handling, may be damaging to the health of the individual.		
Ingestion	Accidental ingestion of the material may be damaging to the health of the	e individual.	
Skin Contact	Skin Contact Figure 2: Skin Contact Skin Contact Figure 2: Skin Cont		
Eye	When applied to the eye(s) of animals, the material produces severe ocu	lar lesions which are present twenty-four hours or more after instillation.	
Chronic	There is sufficient evidence to provide a strong presumption that human exposure to the material may result in impaired fertility on the basis of: clear evidence in animal studies of impaired fertility in the absence of toxic effects, or evidence of impaired fertility occurring at around the same dose levels as other toxic effects but which is not a secondary non-specific consequence of other toxic effects. There is sufficient evidence to provide a strong presumption that human exposure to the material may result in developmental toxicity, generally on the basis of: - clear results in appropriate animal studies where effects have been observed in the absence of marked maternal toxicity, or at around the same dose levels as other toxic effects but which are not secondary non-specific consequences of the other toxic effects. Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems.		
llium Neocort antibiotic,	тохісітү	IRRITATION	
anti-inflammatory, anaesthetic skin emollient cream	Not Available	Not Available	
emulsifying wax BP	TOXICITY Not Available	IRRITATION Not Available	
	TOXICITY	IRRITATION	
	Dermal (rabbit) LD50: 11890 mg/kg <sup>[2]</sup>	Eye (rabbit): 100 mg - mild	

Eye (rabbit): 500 mg/24h - mild

IRRITATION

IRRITATION

Skin(human):104 mg/3d Intermit Mod Skin(human):500 mg/7days mild

Eye: no adverse effect observed (not irritating)<sup>[1]</sup>

Skin: no adverse effect observed (not irritating)<sup>[1]</sup>

Eye: no adverse effect observed (not irritating)<sup>[1]</sup>

Skin: no adverse effect observed (not irritating)  $\left[ 1 \right]$ 

Skin: adverse effect observed (irritating)  $\left[ 1 \right]$ 

Eye (rabbit): 100 mg/24 hr-mild

white mineral oil (petroleum)

propylene glycol

paraffin wax

Inhalation (rat) LC50: >44.9 mg/l/4H<sup>[2]</sup>

Dermal (rabbit) LD50: >2000 mg/kg<sup>[1]</sup>

Inhalation (rat) LC50: 7.64 mg/l4 h<sup>[1]</sup>

Oral (rat) LD50: >5000 mg/kg<sup>[1]</sup>

dermal (rat) LD50: >2000 mg/kg<sup>[1]</sup>

Oral (rat) LD50: 20000 mg/kg<sup>[2]</sup>

TOXICITY

TOXICITY

	Oral (rat) LD50: >3750 mg/kg <sup>[2]</sup>	Eye: no adverse effect observed (not irritating) <sup>[1]</sup>
		Skin (rabbit): 500 mg/24 hr-mild
		Skin: no adverse effect observed (not irritating) <sup>[1]</sup>
	TOXICITY	IRRITATION
neomycin sulfate	Not Available	Skin (human): 6 mg/3d - I - mild
Legend:	<ol> <li>Value obtained from Europe ECHA Registered Substances - Acute specified data extracted from RTECS - Register of Toxic Effect of che</li> </ol>	e toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise mical Substances
PROPYLENE GLYCOL	<ul> <li>toxicity generally occurs only at plasma concentrations over 1 g/L, wh would be nearly impossible to reach toxic levels by consuming foods glycol poisoning are usually related to either inappropriate intravenou potential for long-term oral toxicity is also low. Because of its low chro Administration as "generally recognized as safe" (GRAS) for use as a Prolonged contact with propylene glycol is essentially non-irritating to can produce slight transient conjunctivitis (the eye recovers after the eas upper respiratory tract irritation. Inhalation of the propylene glycol However, limited human experience indicates that inhalation of propyl recommended that propylene glycol not be used in applications where materials is likely, such as fogs for theatrical productions or antifreeze Propylene glycol is metabolised in the human body into pyruvic acid (energy), acetic acid (handled by ethanol-metabolism), lactic acid (a ne potentially hazardous substance).</li> <li>Propylene glycol shows no evidence of being a carcinogen or of being Research has suggested that individuals who cannot tolerate propyler arely develop allergic contact dermatitis. Other investigators believer greater than 2% in patients with eczema.</li> <li>One study strongly suggests a connection between airborne concentral allergic reactions, such as rhinitis or hives in children</li> <li>Another study suggested that the concentrations of PGEs (counted as bedroom air, is linked to increased risk ranging from 50% to 180% water-based system cleansers.</li> <li>Patients with vulvodynia and interstital cystitis may be especially seminotice that brand name creams made with propylene glycol often creat Additionally, some electronic cigarette users who inhale propylene gly an alternative, some suppliers will put Vegetable Glycerin in the "-liq Adverse responses to intravenous administration of drugs which use large dosages thereof. Responses may include "hypotension, bradyci serum hyperosmolality, lactic acidosis, and haemolysis". A high perceelliminat</li></ul>	the skin. Undiluted propylene glycol is minimally irritating to the eye, and exposure is removed). Exposure to mists may cause eye irritation, as well vapours appears to present no significant hazard in ordinary applications. lene glycol mists could be irritating to some individuals It is therefore e inhalation exposure or human eye contact with the spray mists of these e solutions for emergency eye wash stations. a normal part of the glucose-metabolism process, readily converted to ormal acid generally abundant during digestion), and propionaldehyde (a g genotoxic. ne glycol probably experience a special form of irritation, but that they only that the incidence of allergic contact dermatitis to propylene glycol may be rations of propylene glycol in houses and development of asthma and s the sum of propylene glycol and glycol ethers) in indoor air, particularly ratory and immune disorders in children, including asthma, hay fever, . This concentration has been linked to use of water-based paints and sitive to propylene glycol. Women suffering with yeast infections may also . Post menopausal women who require the use of an eostrogen cream may ate extreme, uncomfortable burning along the vulva and perianal area. rcol vapor may experience dryness of the throat or shortness of breath . As uid" for those who are allergic (or have bad reactions) to propylene glycol. PG as an excipient have been seen in a number of people, particularly with ardia QRS and T abnormalities on the ECG, arrhythmia, cardiac arrest, entage (12% to 42%) of directly-injected propylene glycol is remainder appearing in its glucuronide-form. The speed of renal filtration ol's mild anesthetic / CNS-depressant -properties as an alcohol. In one glycerin to an elderly man may have induced coma and acidosis. category of animal feed and is generally recognized as safe for dogs with an
WHITE MINERAL OIL (PETROLEUM)	<b>NOT</b> classifiable as to its carcinogenicity to humans. Evidence of carcinogenicity may be inadequate or limited in animal te Oral (rat) TCLo: 92000 mg/kg/92D-Cont. Generally the toxicity and irr	itation is of low order. White oils and highly/solvent refined oils have not ntamination with some other mineral oils, due in all probability to refining
PARAFFIN WAX	small quantity will pass through undigested. The widespread use in cosmetic and in cosmetic surgery over many y exist for their safe use Notwithstanding this, there are occasional repor referred to as paraffinoma, have been described frequently following in associated with other progressive changes. Paraffin wax and microcrystalline were each administered orally as a 1000 and 5000 g/kg bw. produced no clinical signs of toxicity during the no mortalities and no macroscopic changes were observed at autops. Three samples of 50% paraffin in petrolatum were tested in repeated, four animals that lasted three days, and one produced erythema in or to rabbit skin, in a 24 hour occluded patch test. Four 50% solutions of paraffin in petrolatum were each instilled into th for three days. Two of the samples caused mild irritation in one rabbit In a long-term feeding study with Sprague-Dawley rats, no wax-relate	solution in arachis oil to groups of 5 male and 5 female rats at dose levels of he seven day observation period and growth rates were normal. There were y, open patch applications to 6 rabbits. Two samples produced erythema in the rabbit that lasted two days. A microcrystalline wax was slightly irritating, he eyes of six albino rabbits with no rinse. Eyes were observed for irritation on day 1; the other samples were not irritation 2 of defects were observed. In a series of 180-day feeding studies in rats that a 1955) on chewing-gum bases containing hydrocarbon wax in proportions ts were observed.

Long-term toxicity studies indicated that petroleum-derived paraffin and microcrystalline waxes are non-toxic and non-carcinogenic. Eight slack waxes and eight aromatic hydrocarbon extracts derived from the slack waxes were tested for carcinogenicity after applying these to the skin of mice. The slack waxes showed only a low order of carcinogenicity at 250 days. However by 450 days every sample of slack wax had elicited papillomas and for 5 of them cancers as well. The aromatic extracts on the other hand exhibited a greater potency. At 250 days all but one sample had produced papillomas and 5 samples had produced cancers. At 450 days all but one sample had elicited cancers and all had elicited papillomas. The authors concluded that the carcinogenicity of slack wax can be attributed to the aromatic compounds found in the oils from which the waxes were pressed and which are retained on the waxes as impurities, and is not due to paraffins.

	<ul> <li>disk implants, but not ground wax implants, were associated with the development of fibrosarcomas at the implantation site in rats.</li> <li>A description of the accumulation of long-chain alkanes (C29, C31, and C33) in a patient who had died of heart disease led the author to conclude that these hydrocarbons were of dietary (plant) origin as judged by the tissue distribution of the alkanes.</li> <li>The EU Scientific Committee for Food (SCF) reviewed the available information on mineral hydrocarbons, which included the petroleum waxes.</li> <li>Their opinion was published in 1995. The SCF reached the following conclusion:</li> <li>There are sufficient data to allow a full Group ADI (Average daily Intake)of 0-20 mg/kg bw for waxes conforming to the following specification: -</li> <li>Highly refined waxes derived from petroleum based or synthetic hydrocarbon feedstocks, with viscosity not less than 11 m3/s (cSt) at 100 deg C</li> <li>Carbon number not less than 25 at the 5% boiling point</li> <li>Average molecular weight not less than 500</li> </ul> Studies indicate that normal, branched and cyclic paraffins are absorbed from the mammalian gastrointestinal tract and that the absorption of n-paraffins is inversely proportional to the carbon chain length, with little absorption above C30. With respect to the carbon chain lengths likely to be present in mineral oil, n-paraffins may be absorbed to a greater extent that iso- or cyclo-paraffins. The major classes of hydrocarbons have been shown to be well absorbed by the gastrointestinal tract in various species. In many cases, the hydrophobic hydrocarbons are ingested in association with dietary lipids. The dependence of hydrocarbon absorption on concomitant triglyceride digestion and absorption, is known as the "hydrocarbon smay traverse the mucosal epithelium unmetabolised and appear as solutes in lipoprotein particles in intestinal lymph, there is evidence that most hydrocarbons partially separate from nutrient lipids and undergo metabolic trans
NEOMYCIN SULFATE	Turorigenic in rats The following information refers to contact allergens as a group and may not be specific to this product. Contact allergies quickly manifest themselves as contact eczema, more rarely as urticaria or Quincke's oedema. The pathogenesis of contact eczema involves a cell-mediated (T lymphocytes) immune reaction of the delayed type. Other allergic skin reactions, e.g. contact urticaria, involve antibody-mediated immune reactions. The significance of the contact allergen is not simply determined by its sensitisation potential: the distribution of the substance and the opportunities for contact with it are equally important. A weakly sensitising substance which is widely distributed can be a more important allergen than one with stronger sensitising potential with which few individuals come into contact. From a clinical point of view, substances are noteworthy if they produce an allergic test reaction in more than 1% of the persons tested. Asthma-like symptoms may continue for months or even years after exposure to the material ceases. This may be due to a non-allergenic condition known as reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound. Key criteria for the diagnosis of RADS include the absence of preceding respiratory disease, in a non-atopic individual, with abrupt onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritant. A reversible airflow pattern, on spirometry, with the presence of moderate to severe bronchial hyperreactivity on methacholine challenge testing and the lack of minimal lymphocytic inflammation, without eosinophilia, have also been included in the criteria for diagnosis of RADS. RADS (or asthma) following an irritating inhalation is an infrequent disorder with rates related to the concentration of and duration of exposure to the irritating substance. Industrial bronchitis, on the other hand, is a disorder with accurs as result of exposure due to high con
WHITE MINERAL OIL (PETROLEUM) & PARAFFIN WAX	<ul> <li>spongy layer (spongiosis) and intracellular oedema of the epidermis.</li> <li>The materials included in the Lubricating Base Oils category are related from both process and physical-chemical perspectives;</li> <li>The potential toxicity of a specific distillate base oils is inversely related to the severity or extent of processing the oil has undergone, since:</li> <li>The lavels of the undesirable components are inversely related to the degree of processing the oil receives.</li> <li>The potential toxicity of residual base oils is independent of the degree of processing the oil receives.</li> <li>The potential toxicity of residual base oils is independent of the degree of processing the oil receives.</li> <li>The degree of refining influences the carcinogenic potential of the oils. Whereas mild acid / earth refining processes are inadequate to substantially reduce the carcinogenic potential.</li> <li>Unrefined and mildy refined distillate base oils contain the highest levels of undesirable components, have the largest variation of hydrocarbon molecules and have shown the highest potential carcinogenic and mutagenic activities. Highly and severely refined distillate base oils are produced from unrefined and mildy refined distillate base oils have a smaller range of hydrocarbon molecules and have demonstrated very low mammalian cainogenicity testing of residual oils have benegative, supporting the belief that these materials lack biologically active components or the components are largely non-bioavailable due to their molecular size.</li> <li>Toxicity testing has consistently shown that lubricating base oils have law cut toxicities. Numerous tests have shown that a lubricating base oils have law cut toxicities. Numerous tests have shown that a lubricating base oils have law cut toxicities of processing.</li> <li>Toxicity testing has consistently shown that lubricating base oils have law cut toxicities. Numerous tests have shown that a lubricating base oils have law cut toxicities. Numerous tests have s</li></ul>

STOT (toxicity on specific target organs) – repeated exposure: Studies with short term repeated doses (28-day test) on rabbit skin indicated the NOAEL value of 1000 mg/kg. NOAEL for inhalation, local effects > 280 mg/m3 and for systemic effects NOAEL > 980 mg/m3. Sub-chronic toxicity

Skin Irritation/Corrosion Serious Eye Damage/Irritation Respiratory or Skin sensitisation Mutagenicity	× · · · · · · · · · · · · · · · · · · ·	STOT - Repeated Exposure Aspiration Hazard	×
Serious Eye Damage/Irritation			
		STUL - SINGLE EXDOSULE	
	✓ ✓	Reproductivity STOT - Single Exposure	×
-			
Acute Toxicity	<ul> <li>damaging the unborn child) and specific target organ toxicant category 1; 1472 (Causes damage to organs through prolonged or repeated exposure) need not apply if the substance is not classified as carcinogenic</li> <li>Toxicoknetics of lubricant base oils as been examined in rodents. Absorption of other lubricant base oils across the small intestine is relate achon chain length, thyricocrabic with smaller chain length are more readily absorbed than hydrocarbon situ a longer chain length. The more readily absorbed than hydrocarbon carculation of an uniteral hydrocarbon socures with a longer chain length. The more readily absorbed than hydrocarbon does reactinue of c28H52, which means the different strain sensitivities to the formation of liver granulonas and MLN histicaytosis.</li> <li>High yand Swerely Refined Datillate Base Olis</li> <li>Mate toxicity 'Allufipis studies of the acute toxicity of highly &amp; severely refined base oils have been reported. Irrespective of the carde socure is the indicate inharem strain differences in the total asystem coscurs of the high soft the carde toxicity is applied to a significant of the carde socie.</li> <li>Mate toxicity 'Allufipis studies of the acute toxicity of highly &amp; severely refined base oils have been reported. Irrespective of the carde socie. The method or extent of processing, the oral LD50s have base one conducted with these oils. The weight of evidence from all available data on highly &amp; severely toxicity of severely toxicity. 'Severely toxicity': 'Severely toxicity': 'Severely toxicity': 'Severely toxicity': 'Severely toxicity': 'Severely toxicity' of highly toxicity of a highly to severely toxicity of the processing it receives. Adverse filted base oils support the presumption that a distillate base oil's toxicity is minimal species and 'the processing' is receives. Adverse filted base oils support the presumption that a distillate base oil's toxicity is minimal species and 'the procesing' is receives. Adverse filted base oils supp</li></ul>		
		could not be identified and is less that isition in the lungs was 220 mg/m3. A in of Light paraffinic distillate solvent e us), and variety of haematology and s ed were most prominent in the adrena dy, the NOAEL for the test material is e or developmental toxicity with 1 mL ritation. Therefore, the reproductive/d ternal, reproductive and foetal toxicity mus weight and increase in liver weig g/kg/day). Evidence of potential repro- e aromatic extract (DAE) was develop tal body weights. Furthermore, when valate and ossification delays were ob d: OIN 8 - The classifications as a rep toxicant category 1; H372 (Causes da	as no systemic toxicity was observed, the overall extract had an adverse effect on survivability, body serum chemistry parameters in exposed animals. als, bone marrow, kidneys, liver, lymph nodes, skin, less than 30 mg/kg/day. /kg/day (i.e., 1000 mg/kg/day) in an OECD 421 levelopmental NOAEL for this study is =1000 /. Maternal toxicity was exhibited as vaginal discharge ght (125 mg/kg/day and higher) and aberrant vductive effects was shown by an increased number of omentally toxic regardless of exposure duration as exposures were increased to 1000 mg/kg/day and userved. Cleft palate was considered to indicate a productive toxicant category 2; H361d (Suspected of

X − Data either not available or does not fill the criteria for classification
 ✓ − Data available to make classification

## SECTION 12 ECOLOGICAL INFORMATION

#### Toxicity

Ilium Neocort antibiotic,	END
anti-inflammatory, anaesthetic	LINDI
skin emollient cream	

POINT TEST DURATION (HR)

SPECIES

	Not Available	Not Available	Not Available	Not Available	Not Available
	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
emulsifying wax BP	Not Available	Not Available	Not Available	Not Available	Not Available
	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
	LC50	96	Fish	>10-mg/L	2
propylene glycol	EC50	48	Crustacea	43-500mg/L	2
	EC50	96	Algae or other aquatic plants	19-mg/L	2
	NOEC	168	Fish	11-530mg/L	2
	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURC
	LC50	96	Fish	1.13mg/L	2
white mineral oil (petroleum)	EC50	48	Crustacea	2mg/L	2
	EC50	72	Algae or other aquatic plants	1.714mg/L	2
	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURC
	LC50	96	Fish	>1-mg/L	2
paraffin wax	EC50	48	Crustacea	>10-mg/L	2
	EC50	72	Algae or other aquatic plants	>1-mg/L	2
	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURC
neomycin sulfate	Not Available	Not Available	Not Available	Not Available	Not Available

## DO NOT discharge into sewer or waterways.

## Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
propylene glycol	LOW	LOW

## **Bioaccumulative potential**

Ingredient	Bioaccumulation
propylene glycol	LOW (BCF = 1)

#### Mobility in soil

Ingredient	Mobility
propylene glycol	HIGH (KOC = 1)

## SECTION 13 DISPOSAL CONSIDERATIONS

#### Waste treatment methods

<ul> <li>Product / Packaging disposal</li> <li>Containers may still present a chemical hazard/ danger when empty.</li> <li>Return to supplier for reuse/ recycling if possible.</li> <li>Otherwise:         <ul> <li>If container can not be cleaned sufficiently well to ensure that residuals do not remain or if the container cannot be used to store the same product, then puncture containers, to prevent re-use, and bury at an authorised landfill.</li> <li>Where possible retain label warnings and SDS and observe all notices pertaining to the product.</li> <li>DO NOT allow wash water from cleaning or process equipment to enter drains.</li> <li>It may be necessary to collect all wash water for treatment before disposal.</li> <li>In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.</li> <li>Where in doubt contact the responsible authority.</li> <li>Recycle wherever possible or consult manufacturer for recycling options.</li> <li>Consult State Land Waste Authority for disposal.</li> <li>Bury or incinerate residue at an approved site.</li> <li>Recycle containers if possible, or dispose of in an authorised landfill.</li> </ul> </li> </ul>
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## SECTION 14 TRANSPORT INFORMATION

## Labels Required

Marine Pollutant	NO
HAZCHEM	Not Applicable

#### Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

#### Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

#### **SECTION 15 REGULATORY INFORMATION**

#### Safety, health and environmental regulations / legislation specific for the substance or mixture

#### EMULSIFYING WAX BP IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

#### PROPYLENE GLYCOL IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5

#### WHITE MINERAL OIL (PETROLEUM) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5  $\,$ 

Chemical Footprint Project - Chemicals of High Concern List

#### PARAFFIN WAX IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

#### NEOMYCIN SULFATE IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS) Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - S International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 1 : Carcinogenic to humans

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5  $\,$ 

Chemical Footprint Project - Chemicals of High Concern List

## National Inventory Status

Schedule 4

National Inventory	Status
Australia - AICS	Yes
Canada - DSL	No (emulsifying wax BP)
Canada - NDSL	No (emulsifying wax BP; propylene glycol; white mineral oil (petroleum); paraffin wax; neomycin sulfate)
China - IECSC	No (emulsifying wax BP)
Europe - EINEC / ELINCS / NLP	No (emulsifying wax BP)
Japan - ENCS	No (emulsifying wax BP; white mineral oil (petroleum); neomycin sulfate)
Korea - KECI	No (emulsifying wax BP)
New Zealand - NZIoC	Yes
Philippines - PICCS	No (emulsifying wax BP)
USA - TSCA	No (emulsifying wax BP)
Taiwan - TCSI	No (emulsifying wax BP)
Mexico - INSQ	No (emulsifying wax BP)
Vietnam - NCI	No (emulsifying wax BP)
Russia - ARIPS	No (emulsifying wax BP)
Legend:	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)

#### SECTION 16 OTHER INFORMATION

Revision Date	05/05/2020
Initial Date	30/04/2020

#### SDS Version Summary

Version	Issue Date	Sections Updated
3.1.1.1	05/05/2020	Ingredients

#### Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

## Definitions and abbreviations

PC-TWA: Permissible Concentration-Time Weighted Average PC-STEL: Permissible Concentration-Short Term Exposure Limit IARC: International Agency for Research on Cancer ACGIH: American Conference of Governmental Industrial Hygienists STEL: Short Term Exposure Limit TEEL: Temporary Emergency Exposure Limit. IDLH: Immediately Dangerous to Life or Health Concentrations OSF: Odour Safety Factor NOAEL :No Observed Adverse Effect Level LOAEL: Lowest Observed Adverse Effect Level TLV: Threshold Limit Value LOD: Limit Of Detection OTV: Odour Threshold Value BCF: BioConcentration Factors BEI: Biological Exposure Index

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