



ENOC VERRON LX GREASE NLGI 2

Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 07/04/2017

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Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixtures
Trade name : ENOC VERRON LX GREASE NLGI 2
Product code : 224011

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : Grease

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

ENOC Marketing L.L.C
ENOC House I
Dubai - United Arab Emirates
T +971 4 313 4613 - F +971 4 313 4616

1.4. Emergency telephone number

Emergency number : +97143374400
(business hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 2 H319
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning
Hazard statements (CLP) : H315 - Causes skin irritation
H319 - Causes serious eye irritation
H412 - Harmful to aquatic life with long lasting effects
Precautionary statements (CLP) : P264 - Wash hands, forearms and face thoroughly after handling
P273 - Avoid release to the environment
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302+P352 - IF ON SKIN: Wash with plenty of water
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P321 - Specific treatment (see supplemental first aid instruction on this label)

2.3. Other hazards

No additional information available

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Paraffin oils (petroleum), catalytic dewaxed heavy, Baseoil - unspecified, [A complex combination of hydrocarbons obtained from a catalytic dewaxing process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of at least 100 SUS at 100 °F (19cSt at 40 °C).]	(CAS-No.) 64742-70-7 (EC-No.) 265-174-4 (EC Index-No.) 649-477-00-2 (REACH-no) 01-2119487080-42-0003; 01-2119487080-42 01-2119484627-25-0025; 01-2119484627-25 01-2119471299-27-0019; 01-2119471299-27	48.7	Carc. Not classified
Residual oils (petroleum), hydrotreated, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly greater than C25 and boiling above approximately 400 °C (752 °F).]	(CAS-No.) 64742-57-0 (EC-No.) 265-160-8 (EC Index-No.) 649-470-00-4 (REACH-no) 01-2119489287-22 01-2119480472-38-0013; 01-2119480472-38	37	Carc. Not classified
Octadecanoic acid, 12-hydroxy-	(CAS-No.) 106-14-9 (EC-No.) 203-366-1 (REACH-no) Not available	5.5	Not classified
Lithium hydroxide monohydrate	(CAS-No.) 1310-66-3 (REACH-no) Not available	2.1	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation:dust,mist), H331 Skin Corr. 1A, H314
Hydrogenated castor oil	(CAS-No.) 8001-78-3 (EC-No.) 232-292-2 (REACH-no) Not available	1.85	Not classified
Solvent naphtha (petroleum), heavy aromatic	(CAS-No.) 64742-94-5 (EC-No.) 265-198-5 (EC Index-No.) 649-424-00-3 (REACH-no) Not available	<= 1.2	Asp. Tox. 1, H304 Aquatic Chronic 2, H411
boric acid substance listed as REACH Candidate	(CAS-No.) 10043-35-3 (EC-No.) 233-139-2 (EC Index-No.) 005-007-00-2 (REACH-no) Not available	1.2	Repr. 1B, H360FD
Salicylic acid	(CAS-No.) 69-72-7 (EC-No.) 200-712-3 (REACH-no) Not available	0.9	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Naphthalene	(CAS-No.) 91-20-3 (EC-No.) 202-049-5 (EC Index-No.) 601-052-00-2 (REACH-no) Not available	<= 0.2	Acute Tox. 4 (Oral), H302 Carc. 2, H351 Aquatic Acute 1, H400 M=1 Aquatic Chronic 1, H410 M=1

Specific concentration limits:

Name	Product identifier	Specific concentration limits
boric acid	(CAS-No.) 10043-35-3 (EC-No.) 233-139-2 (EC Index-No.) 005-007-00-2	(C >= 5.5) Repr. 1B, H360FD

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of breathing difficulties administer oxygen. Immediately get medical attention.
- First-aid measures after skin contact : Take off immediately all contaminated clothing. Wash off immediately with soap and plenty of water. Rinse immediately with plenty of water for 15 minutes. Seek immediate medical advice.
- First-aid measures after eye contact : Rinse immediately and plentifully with water, also under the eyelids, for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately get medical attention.
- First-aid measures after ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. Give water to drink if victim completely conscious/alert. Immediately get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects : Aspiration of this material may cause chemical pneumonia.
- Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact : Causes severe skin burns and eye damage.
- Symptoms/effects after eye contact : Causes severe inflammation of the conjunctiva and may cause severe damage of the cornea.

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4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Suitable extinguishing media : All extinguishing media can be used.

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard : None known.

Explosion hazard : None known.

Hazardous decomposition products in case of fire : Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

5.3. Advice for firefighters

Firefighting instructions : Cool down the containers exposed to heat with a water spray.

Protective equipment for firefighters : Wear proper protective equipment. In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear personal protection equipment.

Emergency procedures : Evacuate area. Avoid contact with skin, eyes and clothes.

6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing. In case of fire: Wear self-contained breathing apparatus.

Emergency procedures : Evacuate and limit access. Stop leak if safe to do so. Use ventilation/water spray/fog to disperse vapours. Do not touch spilled material.

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Clean up any spills as soon as possible, using an absorbent material to collect it. For larger spills, dike area and pump into waste containers.

Methods for cleaning up : Collect all waste in suitable and labelled containers and dispose according to local legislation.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handling this product may result in electrostatic accumulation. Use proper grounding procedures.

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Avoid static electricity discharges. Provide earthing of containers, equipment, pumps and ventilation facilities.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothes. Wash contaminated clothing prior to re-use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry, cool and well-ventilated place.

Storage temperature : 5 - 35 °C

Special rules on packaging : Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Solvent naphtha (petroleum), heavy aromatic (64742-94-5)		
USA - ACGIH	ACGIH TWA (ppm)	10 ppm
USA - ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³
Naphthalene (91-20-3)		
EU	Local name	Naphthalene
EU	IOELV TWA (mg/m ³)	50 mg/m ³

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Naphthalene (91-20-3)		
EU	IOELV TWA (ppm)	10 ppm
EU	Notes	SCOEL Recommendations (2010)
Austria	MAK (mg/m ³)	50 mg/m ³
Austria	MAK (ppm)	10 ppm
Belgium	Limit value (mg/m ³)	53 mg/m ³
Belgium	Limit value (ppm)	10 ppm
Belgium	Short time value (mg/m ³)	80 mg/m ³
Belgium	Short time value (ppm)	15 ppm
Bulgaria	OEL TWA (mg/m ³)	50 mg/m ³
Bulgaria	OEL STEL (mg/m ³)	75 mg/m ³
Cyprus	OEL TWA (mg/m ³)	50 mg/m ³
Cyprus	OEL TWA (ppm)	10 ppm
Czech Republic	Expoziční limity (PEL) (mg/m ³)	50 mg/m ³
Denmark	Grænseværdie (langvarig) (mg/m ³)	50 mg/m ³
Denmark	Grænseværdie (langvarig) (ppm)	10 ppm
Estonia	OEL TWA (mg/m ³)	50 mg/m ³
Estonia	OEL TWA (ppm)	10 ppm
Finland	HTP-arvo (8h) (mg/m ³)	5 mg/m ³
Finland	HTP-arvo (8h) (ppm)	1 ppm
Finland	HTP-arvo (15 min)	10 mg/m ³
Finland	HTP-arvo (15 min) (ppm)	2 ppm
France	Local name	Naphtalène
France	VME (mg/m ³)	50 mg/m ³
France	VME (ppm)	10 ppm
France	Note (FR)	Valeurs recommandées/admises; substance classée cancérigène de catégorie 2
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	0.5 mg/m ³ (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)
Germany	TRGS 900 Occupational exposure limit value (ppm)	0.1 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)
Gibraltar	Eight hours mg/m ³	50 mg/m ³
Gibraltar	Eight hours ppm	10 ppm
Greece	OEL TWA (mg/m ³)	50 mg/m ³
Greece	OEL TWA (ppm)	10 ppm
Hungary	AK-érték	50 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	50 mg/m ³
Ireland	OEL (8 hours ref) (ppm)	10 ppm
Ireland	OEL (15 min ref) (mg/m ³)	75 mg/m ³
Ireland	OEL (15 min ref) (ppm)	15 ppm
Latvia	OEL TWA (mg/m ³)	50 mg/m ³
Latvia	OEL TWA (ppm)	10 ppm
Lithuania	IPRV (mg/m ³)	50 mg/m ³
Lithuania	IPRV (ppm)	10 ppm
Luxembourg	OEL TWA (mg/m ³)	50 mg/m ³
Luxembourg	OEL TWA (ppm)	10 ppm
Malta	OEL TWA (mg/m ³)	50 mg/m ³
Malta	OEL TWA (ppm)	10 ppm
Netherlands	Grenswaarde TGG 8H (mg/m ³)	50 mg/m ³
Netherlands	Grenswaarde TGG 15MIN (mg/m ³)	80 mg/m ³
Poland	NDS (mg/m ³)	20 mg/m ³
Poland	NDSch (mg/m ³)	50 mg/m ³
Portugal	OEL TWA (ppm)	10 ppm (indicative limit value)

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Naphthalene (91-20-3)		
Portugal	OEL STEL (ppm)	15 ppm
Romania	OEL TWA (mg/m ³)	50 mg/m ³
Romania	OEL TWA (ppm)	10 ppm
Slovakia	NPHV (priemerná) (mg/m ³)	50 mg/m ³
Slovakia	NPHV (priemerná) (ppm)	10 ppm
Slovakia	NPHV (Hraničná) (mg/m ³)	80 mg/m ³
Slovenia	OEL TWA (mg/m ³)	50 mg/m ³
Slovenia	OEL TWA (ppm)	10 ppm
Spain	VLA-ED (mg/m ³)	53 mg/m ³
Spain	VLA-ED (ppm)	10 ppm
Spain	VLA-EC (mg/m ³)	80 mg/m ³
Spain	VLA-EC (ppm)	15 ppm
Sweden	nivågränsvärde (NVG) (mg/m ³)	50 mg/m ³
Sweden	nivågränsvärde (NVG) (ppm)	10 ppm
Sweden	kortidsvärde (KTV) (mg/m ³)	80 mg/m ³
Sweden	kortidsvärde (KTV) (ppm)	15 ppm
Norway	Grenseverdier (AN) (mg/m ³)	50 mg/m ³
Norway	Grenseverdier (AN) (ppm)	10 ppm
Norway	Grenseverdier (Korttidsverdi) (mg/m ³)	75 mg/m ³ (value calculated)
Norway	Grenseverdier (Korttidsverdi) (ppm)	15 ppm (value calculated)
Switzerland	VME (mg/m ³)	50 mg/m ³
Switzerland	VME (ppm)	10 ppm
USA - ACGIH	ACGIH TWA (ppm)	10 ppm
USA - ACGIH	Remark (ACGIH)	Hematologic eff; URT & eye irr; Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans: The agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that may not be relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence does not suggest that the agent is likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure)
USA - NIOSH	NIOSH REL (TWA) (mg/m ³)	50 mg/m ³
USA - NIOSH	NIOSH REL (TWA) (ppm)	10 ppm
USA - NIOSH	NIOSH REL (STEL) (mg/m ³)	75 mg/m ³
USA - NIOSH	NIOSH REL (STEL) (ppm)	15 ppm
USA - OSHA	Local name	Naphthalene
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	50 mg/m ³
USA - OSHA	OSHA PEL (TWA) (ppm)	10 ppm
USA - OSHA	OSHA PEL (STEL) (mg/m ³)	75 mg/m ³
USA - OSHA	OSHA PEL (STEL) (ppm)	15 ppm

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment:

Gloves. Protective clothing. Dust/aerosol mask with filter type P1.

Materials for protective clothing:

Chemical resistant protective apron/clothing (tested to EN 14605 or equivalent)

Hand protection:

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Wear suitable gloves tested to EN374. Thickness of glove material: > 0.13 mm. Break through time: ≥ 480 min. Wear suitable gloves resistant to chemical penetration. neoprene or natural rubber gloves. PVC (Polyvinyl chloride)

Eye protection:

Use splash goggles when eye contact due to splashing is possible. DIN EN 166

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN140 with Type A/P2 filter or better.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Semi Solid
Colour	: BLUE
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: 200 °C COC (dropping point)
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 900 g/cm ³ @ 15°C
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: not explosive.
Oxidising properties	: not oxidizing.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known under normal conditions of use. No polymerization.

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids.

10.6. Hazardous decomposition products

No hazardous decomposition products known at room temperature.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Hydrogenated castor oil (8001-78-3)	
LD50 oral rat	> 10 g/kg
Lithium hydroxide monohydrate (1310-66-3)	
LD50 oral rat	120 mg/kg
LC50 inhalation rat (mg/l)	0.96 mg/l/4h
Solvent naphtha (petroleum), heavy aromatic (64742-94-5)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2 ml/kg
LC50 inhalation rat (mg/l)	> 590 mg/m ³ (Exposure time: 4 h)
Naphthalene (91-20-3)	
LD50 dermal rat	> mg/kg
LD50 dermal rabbit	> 2000 mg/kg
Salicylic acid (69-72-7)	
LD50 oral rat	891 mg/kg
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Hydrogenated castor oil (8001-78-3)	
LC50 fish 1	> 10000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)
Naphthalene (91-20-3)	
LC50 fish 2	1.6 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
LC50 other aquatic organisms 2	0.235 mg/l 48h - Crustaceans Palaemonetes pugio
EC50 Daphnia 2	1.96 mg/l (Exposure time: 48 h - Species: Daphnia magna [Flow through])
NOEC (chronic)	0.6 mg/l Fresh water
Salicylic acid (69-72-7)	
EC50 Daphnia 1	870 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

12.2. Persistence and degradability

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Persistence and degradability	Not available

12.3. Bioaccumulative potential

Naphthalene (91-20-3)	
BCF fish 1	30 - 430
Log Pow	3.6
Salicylic acid (69-72-7)	
BCF fish 1	>= 1000
Log Pow	0 - 2.26 (at 37 °C)

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

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Component	
boric acid (10043-35-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Regional legislation (waste) : Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.
- Waste treatment methods : Can be incinerated according to local regulations.
- Product/Packaging disposal recommendations : Dispose of this material and its container to hazardous or special waste collection point.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not regulated	Not regulated
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not regulated	Not regulated
Not applicable	Not applicable	Not applicable	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not regulated	Not regulated
Not applicable	Not applicable	Not applicable	Not regulated	Not regulated
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not regulated	Not regulated
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Not applicable

- Transport by sea

Not applicable

- Air transport

Not applicable

- Inland waterway transport

Not regulated

- Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains a substance on the REACH candidate list in concentration $\geq 0.1\%$ or with a lower specific limit: Boric acid (EC 233-139-2, CAS 10043-35-3)

Contains no REACH Annex XIV substances

Other information, restriction and prohibition regulations : International regulatory information:
AICS: Australia. Inventory of Chemical Substances (AICS) (as amended through 1 September 2015)

CAS RN: 64742-70-7

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Name: Paraffin oils, petroleum, catalytic dewaxed heavy
Note(s): aU This entry is a chemical of unknown or variable composition, a complex product of a chemical reaction, or a biological material (UVCB); the Australian inventory denotes this by putting an asterisk (*) after the CAS number.

DSL: Canada. Domestic Substances List (DSL), as amended through September 23, 2015
CAS RN: 64742-70-7 may be regulated as a member of the Generics group for CAS RN: 8012-95-1

Generics group name: PARAFFIN OILS

Substance category: UORG

Meets CEPA criteria: Yes

Meets human health criteria: Yes

Human health priority: Moderate

Meets environmental criteria: No

Persistent: No

Bioaccumulative: No

Inherently toxic to aquatic organisms: No

ENCS: not listed

KECI: Korea. Existing Chemicals Inventory (KECI, January 27, 2015, amended through MoE 2015-95, July 1, 2015)

Name: Paraffin oils (petroleum), catalytic dewaxed heavy

Korean ID Number: KE-27774

PICCS: Philippines. Inventory of Chemicals and Chemical Substances (PICCS) 2012

CAS RN: 64742-70-7

Name: Paraffin oils (petroleum), catalytic dewaxed heavy

TSCA: U.S. Federal, TSCA

TSCA IUR 2006, Partially Exempt Petroleum Process Streams (40 CFR 710.46(b)(1))

TSCA CDR, Partially Exempt Petroleum Process Streams (40 CFR 711.6(b)(1)) (September 6, 2011)

CAS RN: 64742-70-7

Name: PARAFFIN OILS (PETROLEUM), CATALYTIC DEWAXED HEAVY

CAS RN: 64742-70-7 may be regulated as a member of the Generics group for CAS RN: 8012-95-1

Generics group name: PARAFFIN OILS

TSCA High Production Volume (HPV) Chemicals: 1990, 1994 & Post-1994 Additions (01/20/06)

CAS RN: 64742-70-7 may be regulated as a member of the Generics group for CAS RN: 8012-95-1

Generics group name: Paraffin oils

CAS RN: 64742-70-7

Name: Paraffin oils (petroleum), catalytic dewaxed heavy

CAS RN: 64742-70-7

Name: PARAFFIN OILS, PETROLEUM, CATALYTIC DEWAXED HEAVY

1990 HPV Challenge Program Chemical

HPV Indicator Value (see notes): 0

HPV Sponsorship Value (see notes): F

Notes: 0 Chemical is a candidate for sponsorship under the HPV Challenge Program; F Fully Sponsored Chemical

. International regulatory information:

AICS: Australia. Inventory of Chemical Substances (as amended through 1 September 2015)

CAS RN: 64742-57-0

Name: Residual oils, petroleum, hydrotreated

Note(s): aU

Notes: aU This entry is a chemical of unknown or variable composition, a complex product of a chemical reaction, or a biological material (UVCB); the Australian inventory denotes this by putting an asterisk (*) after the CAS number.

DSL: Canada. Domestic Substances List, as amended through September 23, 2015

CAS RN: 64742-57-0

Name: Residual oils, petroleum, hydrotreated

Canada. Categorization of Existing Substances on DSL (September 2006)

CAS RN: 64742-57-0 may be regulated as a member of the Generics group for CAS RN: 8012-95-1

Generics group name: PARAFFIN OILS

Substance category: UORG

Meets CEPA criteria: Yes

Meets human health criteria: Yes

Human health priority: Moderate

Meets environmental criteria: No

Persistent: No

Bioaccumulative: No

Inherently toxic to aquatic organisms: No

ENCS: Japan. Inventory of Existing & New Chemical Substances, as amended through July 30, 2015

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CAS RN: 64742-57-0
Name: Residual oils (petroleum), hydrotreated (en-US)
Japanese ENCS Number: (9)-1689
Japan. Industrial Safety & Health Law (ISHL) Inventory, as amended through June 26, 2015
CAS RN: 64742-57-0
Name: Residual oils (petroleum), hydrotreated (en-US)
Japanese ENCS Number: (9)-1689
Japanese ISHL Number: (9)-1689
Notes iencs: Grandfathered onto ISHL from ENCS according to the Chemical Substance Control Law.

KECI. Korea Existing Chemicals Inventory (January 27, 2015, amended through MoE 2015-95, July 1, 2015)
CAS RN: 64742-57-0
Name: Residual oils (petroleum), hydrotreated
Korean ID Number: KE-30119

PICCS. Philippines. Inventory of Chemicals and Chemical Substances (PICCS) 2012
CAS RN: 64742-57-0
Name: Residual oils (petroleum), hydrotreated

U.S. Federal, TSCA. IUR 2006, Partially Exempt Petroleum Process Streams (40 CFR 710.46(b)(1))
CAS RN: 64742-57-0
Name: RESIDUAL OILS (PETROLEUM), HYDROTREATED
CAS RN: 64742-57-0 may be regulated as a member of the Generics group for CAS RN: 8012-95-1
Generics group name: PARAFFIN OILS
TSCA CDR, Partially Exempt Petroleum Process Streams (40 CFR 711.6(b)(1)) (September 6, 2011)
CAS RN: 64742-57-0 may be regulated as a member of the Generics group for CAS RN: 8012-95-1
Generics group name: Paraffin oils
CAS RN: 64742-57-0 Name: Residual oils (petroleum), hydrotreated

TSCA High Production Volume (HPV) Chemicals: 1990, 1994 & Post-1994 Additions (01/20/06)
CAS RN: 64742-57-0 Name: RESIDUAL OILS, PETROLEUM, HYDROTREATED
1990 HPV Challenge Program Chemical
HPV Indicator Value (see notes): 0
HPV Sponsorship Value (see notes): F
Notes: 0 Chemical is a candidate for sponsorship under the HPV Challenge Program. F Fully Sponsored Chemical
. International regulatory information:

AICS: Australia. Inventory of Chemical Substances (AICS) (as amended through 2 February 2016)
CAS RN: 64742-94-5, Name: Solvent naphtha, petroleum, heavy arom.
Notes: aU This entry is a chemical of unknown or variable composition, a complex product of a chemical reaction, or a biological material (UVCB); the Australian inventory denotes this by putting an asterisk (*) after the CAS number.

DSL: Canada. Domestic Substances List (DSL), as amended through February 10, 2016
CAS RN: 64742-94-5, Name: Solvent naphtha, petroleum, heavy arom.
Canada. Ontario Inventory (incomplete), based on TSCA Initial Inventory (1979), Appendix A, Chemical Substance Identities, and TSCA Inventory Supplement 1 (1980)
CAS RN: 64742-94-5, Name: Solvent naphtha (petroleum), heavy arom.
Molecular formula: Unspecified
Substance definition: A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 165°C to 290°C (330°F to 554°F).

ENCS: Japan. Inventory of Existing & New Chemical Substances (ENCS), as amended through July 30, 2015
CAS RN: 64742-94-5, Name: Solvent naphtha (petroleum), heavy aromatic (en-US)
Japanese ENCS Number: (3)-7
Japan. Industrial Safety & Health Law (ISHL) Inventory, as amended through September 25, 2015
CAS RN: 64742-94-5, Name: Solvent naphtha (petroleum), heavy aromatic (en-US)
Japanese ENCS Number: (3)-7
Japanese ISHL Number: (3)-7
Notes iencs: Grandfathered onto ISHL from ENCS according to the Chemical Substance Control Law ('Kashinho').

KECI: Korea. Existing Chemicals Inventory (KECI, January 27, 2015, amended through MoE 2016-15, January 19, 2016)
CAS RN: 64742-94-5, Name: Solvent naphtha (petroleum), heavy arom.
Korean ID Number: KE-31656
PICCS: Philippines. Inventory of Chemicals and Chemical Substances (PICCS) 2012
CAS RN: 68037-01-4, Name: 1-Decene, homopolymer, hydrogenated

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TSCA: U.S. Federal, TSCA
TSCA IUR 2006, Partially Exempt Petroleum Process Streams (40 CFR 710.46(b)(1))
CAS RN: 64742-94-5, Name: SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM.
CAS RN: 64742-94-5 may be regulated as a member of the Generics group for CAS RN: 8008-20-6, Generics group name: KEROSINE (PETROLEUM), CAS RN: 64742-94-5 may be regulated as a member of the Generics group for CAS RN: 8030-30-6, Generics group name: NAPHTHA
TSCA CDR, Partially Exempt Petroleum Process Streams (40 CFR 711.6(b)(1)) (September 6, 2011)
CAS RN: 64742-94-5, Name: Solvent naphtha (petroleum), heavy arom.
CAS RN: 64742-94-5 may be regulated as a member of the Generics group for CAS RN: 8008-20-6
Generics group name: Kerosine (petroleum)
CAS RN: 64742-94-5 may be regulated as a member of the Generics group for CAS RN: 8030-30-6
Generics group name: Naphtha
TSCA High Production Volume (HPV) Chemicals: 1990, 1994 & Post-1994 Additions (01/20/06)
CAS RN: 64742-94-5, Name: SOLVENT NAPHTHA, PETROLEUM, HEAVY AROM.
1990 HPV Challenge Program Chemical, HPV Indicator Value (see notes): 2, 4 HPV Sponsorship Value (see notes): F, I CAS RN: 64742-94-5 may be regulated as a member of the Generics group for CAS RN: 8008-20-6
Generics group name: KEROSINE, PETROLEUM, 1990 HPV Challenge Program Chemical HPV Indicator Value (see notes): 0, HPV Sponsorship Value (see notes): F CAS RN: 64742-94-5 may be regulated as a member of the Generics group for CAS RN: 8030-30-6
Generics group name: NAPHTHA, 1990 HPV Challenge Program Chemical HPV Indicator Value (see notes): 0, HPV Sponsorship Value (see notes): F
Notes
0 Chemical is a candidate for sponsorship under the HPV Challenge Program.
2 Chemical is otherwise being handled under the Organisation for Economic Co-operation and Development (OECD) Screening Information Data Sheet (SIDS) Program. This chemical may be sponsored, however.
4 A company or consortium has had confirmed by the International Council of Chemical Associations (ICCA) their sponsorship of this chemical in the HPV Initiative of the ICCA, and all information essentially equivalent to a Full Commitment under the HPV Challenge Program (i.e., chemical name, CAS number, start year for each chemical, technical contact person and telephone) has been provided to the Agency.
F Fully Sponsored Chemical
I ICCA Confirmed Commitment Chemical.

15.1.2. National regulations

Germany

- VwVwS Annex reference : Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)
- 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

- SZW-lijst van kankerverwekkende stoffen : Paraffin oils (petroleum), catalytic dewaxed heavy, Baseoil - unspecified, [A complex combination of hydrocarbons obtained from a catalytic dewaxing process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of at least 100 SUS at 100 °F (19cSt at 40 °C).], Residual oils (petroleum), hydrotreated, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly greater than C25 and boiling above approximately 400 °C (752 °F).], Hydrogenated castor oil, Solvent naphtha (petroleum), heavy aromatic are listed
- SZW-lijst van mutagene stoffen : Paraffin oils (petroleum), catalytic dewaxed heavy, Baseoil - unspecified, [A complex combination of hydrocarbons obtained from a catalytic dewaxing process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of at least 100 SUS at 100 °F (19cSt at 40 °C).], Residual oils (petroleum), hydrotreated, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly greater than C25 and boiling above approximately 400 °C (752 °F).], Hydrogenated castor oil, Solvent naphtha (petroleum), heavy aromatic are listed
- NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed
- NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : boric acid is listed
- NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : boric acid is listed

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Denmark

Recommendations Danish Regulation : The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

15.2. Chemical safety assessment

A chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

Other information : It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product. Such information is actually to be best of our knowledge and believes accurate as reliable.

Full text of H- and EUH-statements:

Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Carc. Not classified	Carcinogenicity Not classified
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Repr. 1B	Reproductive toxicity, Category 1B
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H351	Suspected of causing cancer
H360FD	May damage fertility. May damage the unborn child
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Aquatic Chronic 3	H412	Calculation method

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product