

TIP TOP SOLUTION HL-T4

Safety Data Sheet

according to the Model Work Health and Safety Regulations

Issue date: Revision date: 12/03/2021 Version: 2.4

SDS No: 00156-0245



SECTION 1: Product identifier

1.1. Product identifier

Product form : Mixture
Product name : TIP TOP SOLUTION HL-T4
Product code : 538 1377; 538 1676; 538 1683, 538 1360, 538 1361, 538 1690

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Adhesive

1.4. Supplier's details

Supplier

REMA TIP TOP AG
65 Gruber Strasse
85586 Poing - Germany
T +49 (0) 8121 / 707 - 100

Importer

REMA TIP TOP Australia Pty Ltd.
3 - 7 Ironbark Close
Warabrook NSW 2304 - Australia
T +61-2-4935-0200
www.rema-tiptop.com.au

E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

1.5. Emergency phone number

Emergency number : +61-280735031, Infotrac/GBK GmbH-ID: 93591

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Flammable liquids, Category 2	H225
Skin corrosion/irritation, Category 2	H315
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411

2.2. Label elements

Hazard pictograms (GHS AU) :



Flame

Exclamation
mark

Environment

Signal word (GHS AU) :

Danger

Contains :

Naphtha (petroleum) [Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% normal hexane] (≥ 60 – < 65 %); Naphtha (petroleum), hydrotreated light [Naphtha (petroleum) [Hydrocarbons, C6, isoalkanes, < 3% n-hexane]] (≥ 20 – < 25 %); Other substances (not contributing to the classification of this product) (> 10 %)

Hazard statements (GHS AU) :

H225 - Highly flammable liquid and vapour
H315 - Causes skin irritation.
H336 - May cause drowsiness or dizziness
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (GHS AU) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P240 - Ground/bond container and receiving equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge

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P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 - Call a POISON CENTER/doctor if you feel unwell.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362 - Take off contaminated clothing.
P391 - Collect spillage
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P235 - Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container to in accordance with local and national regulations.

2.3. Other hazards

Other hazards not contributing to the classification : Vapours may form explosive mixture with air.

SECTION 3: Composition/information on ingredients

Comments : Preparation solved in petroleum spirit.

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Naphtha (petroleum) [Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% normal hexane]	64742-49-0	≥ 60 – < 65	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Naphtha (petroleum), hydrotreated light [Naphtha (petroleum) [Hydrocarbons, C6, isoalkanes, < 3% n-hexane]]	64742-49-0	≥ 20 – < 25	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Carbon black	1333-86-4	≥ 3 – < 5	Not classified
Silicon dioxide, amorphous	7631-86-9	≥ 1 – < 3	Not classified
Zinc oxide	1314-13-2	< 1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Rosin; colophony	8050-09-7	≥ 0.5 – < 1	Skin Sens. 1, H317
1,3-benzenediol	108-46-3	≥ 0.1 – < 0.3	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 1, H370 STOT SE 2, H371 Aquatic Acute 1, H400 Aquatic Chronic 3, H412

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Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Lead(II)-oxide	1317-36-8	≥ 0.1 – < 0.3	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Carc. 2, H351 Lact., H362 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenylenediamine	793-24-8	≥ 0.01 – < 0.1	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Repr. 1B, H360 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Other substances (not contributing to the classification of this product)	-	> 10	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Call a poison center or a doctor if you feel unwell. Take off immediately all contaminated clothing. In the event of persistent symptoms receive medical treatment. Move the affected person away from the contaminated area.
First-aid measures after inhalation	: Move to fresh air in case of accidental inhalation of vapours or decomposition products. In the event of symptoms refer for medical treatment.
First-aid measures after skin contact	: Wash off immediately with soap and plenty of water. Get medical advice if skin irritation persists.
First-aid measures after eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult an eye specialist immediately.
First-aid measures after ingestion	: Rinse mouth with water, do not induce vomiting, call a doctor. Drink plenty of water. Do not give an unconscious person anything to drink. Call a poison center or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: Aspiration hazard.
Symptoms/effects after skin contact	: Causes skin irritation.

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

Treatment	: Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: high volume water jet.

5.2. Special hazards arising from the substance or mixture

General measures	: In case of vapour formation use adequate respirator. Ensure adequate ventilation. Evacuate the danger area. Use personal protective clothing.
Hazardous decomposition products in case of fire	: In case of fire: Carbon monoxide. Carbon dioxide. Nitrogen oxides.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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Hazchem Code : * 3YE
Other information : Cool containers at risk with water spray jet. The vapour/air mixture is explosive, even in empty, uncleaned receptacles. Vapours are heavier than air and may spread along floors. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : In case of vapour formation use adequate respirator. Ensure adequate ventilation. Evacuate the danger area. Use personal protective clothing.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Shovel or sweep up and put in a closed container for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep container tightly closed. Use only outdoors or in a well-ventilated area. Vapours are heavier than air and may spread along floors. Use explosion-proof equipment. Take precautionary measures against static discharge. Do not smoke. Keep away from heat and sources of ignition.
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.
Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
Incompatible materials : oxidizing materials.
Information on mixed storage : Keep away from oxidizing agents. Keep away from food, drink and animal feeding stuffs.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

Zinc oxide (1314-13-2)	
Australia - Occupational Exposure Limits	
Local name	Zinc oxide
OES TWA [1]	10 mg/m ³ dust 5 mg/m ³ fume
OES STEL	10 mg/m ³ fume
Remark (AU)	(a) This value is for inhalable dust containing no asbestos and < 1% crystalline silica.
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

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Carbon black (1333-86-4)

Australia - Occupational Exposure Limits

Local name	Carbon black
OES TWA [1]	3 mg/m ³
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

Silicon dioxide, amorphous (7631-86-9)

Australia - Occupational Exposure Limits

Local name	Fumed silica [Silica – Amorphous]
OES TWA [1]	2 mg/m ³ respirable dust
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Personal protective equipment

Hand protection : This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions. Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Chemically resistant protective gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	≥0.4		EN ISO 374

Eye protection : Tightly fitting goggles (EN 166)

Skin and body protection : Solvent-resistant apron. EN 467

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

Device	Filter type	Condition	Standard
Respiratory protective device with a gas filter	Type A		EN 14387

Environmental exposure controls : Avoid release to the environment.

Other information : Wash hands immediately after handling the product. Do not eat, drink or smoke in areas where product is used. Take off contaminated clothing and wash it before reuse. Treat subsequently with skin cream.

SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: Black
Odour	: Hydrocarbon-like
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: Melting point: < -50 °C
Boiling point	: 60 – 95 °C Naphtha (petroleum)
Flash point	: -25 °C Naphtha (petroleum)
Auto-ignition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: Vapour pressure: ≈ 150 hPa Naphtha (petroleum)
Relative density	: No data available
Density	: Density: < 1 g/cm ³

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Solubility	: Water: Not miscible
Log Pow	: No data available
Viscosity, kinematic	: > 20.5 mm ² /s @ 40 °C
Viscosity, dynamic	: ≈ 1300 mPa·s
Explosive properties	: Product is not explosive. May form flammable/explosive vapour-air mixture.
Oxidising properties	: Non oxidizing
Explosive limits	: No data available
Minimum ignition energy	: No data available
VOC content	: < 85 %
Fat solubility	: No data available
Solvent separation test (%)	: 0 %
Solvent content	: < 85 %

SECTION 10: Stability and reactivity

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Reacts with oxidants.
Conditions to avoid	: Vapour/air-mixtures are explosive at intense warming. To avoid thermal decomposition, do not overheat. Heating can release vapours which can be ignited.
Incompatible materials	: Strong oxidizing agent.
Hazardous decomposition products	: Carbon monoxide. Carbon dioxide. Nitrogen oxides.

SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Naphtha (petroleum), hydrotreated light [Naphtha (petroleum) [Hydrocarbons, C6, isoalkanes, < 3% n-hexane]] (64742-49-0)

LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	> 20 mg/l/4h

Zinc oxide (1314-13-2)

LD50 oral rat	> 5000 mg/kg (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402 method)
LC50 Inhalation - Rat	> 5.7 mg/l/4h

Naphtha (petroleum) [Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% normal hexane] (64742-49-0)

LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	> 20 mg/l/4h

Rosin; colophony (8050-09-7)

LD50 dermal	2500 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	2.3 mg/l/4h

Silicon dioxide, amorphous (7631-86-9)

LD50 oral rat	> 10000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	> 2.2 mg/l

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified

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Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.

Naphtha (petroleum), hydrotreated light [Naphtha (petroleum) [Hydrocarbons, C6, isoalkanes, < 3% n-hexane]] (64742-49-0)

STOT-single exposure	May cause drowsiness or dizziness.
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Naphtha (petroleum) [Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% normal hexane] (64742-49-0)

STOT-single exposure	May cause drowsiness or dizziness.
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1,3-benzenediol (108-46-3)

STOT-single exposure	Causes damage to organs. May cause damage to organs.
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STOT-repeated exposure	: Not classified
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Lead(II)-oxide (1317-36-8)

STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
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Aspiration hazard	: Not classified
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Viscosity, kinematic	> 20.5 mm ² /s @ 40 °C
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Potential adverse human health effects and symptoms	: Contact with the eyes is likely to be irritating. High concentration of vapours may induce: headache, nausea, dizziness. A longer or repeated contact may lead to irritation of eyes and mucous membranes. Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product. Lead has cumulative properties, wherefore lead compounds can be health-damaging in the event of long-term or frequent exposure. Following symptoms are resulting from chronic lead uptake: fatigue, headaches, constipation and colic. May cause sensitisation of susceptible persons by skin contact
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SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Ecology - general	: Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.
Other information	: Do not flush into surface water or sewer system.

Naphtha (petroleum), hydrotreated light [Naphtha (petroleum) [Hydrocarbons, C6, isoalkanes, < 3% n-hexane]] (64742-49-0)

LC50 fish 1	1 – 10 mg/l
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EC50 Daphnia 1	1 – 10 mg/l
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Naphtha (petroleum) [Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% normal hexane] (64742-49-0)

LC50 fish 1	1 – 10 mg/l
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EC50 Daphnia 1	1 – 10 mg/l
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Rosin; colophony (8050-09-7)

EC50 Daphnia 1	4.5 mg/l
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12.2. Persistence and degradability

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Persistence and degradability	Readily biodegradable.
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Zinc oxide (1314-13-2)

Not rapidly degradable

Rosin; colophony (8050-09-7)

Not rapidly degradable

12.3. Bioaccumulative potential

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Bioaccumulative potential	Potentially bioaccumulable.
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : Low hazard to waters.

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Fluorinated greenhouse gases	False
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Naphtha (petroleum), hydrotreated light [Naphtha (petroleum) [Hydrocarbons, C6, isoalkanes, < 3% n-hexane]] (64742-49-0)

Fluorinated greenhouse gases	False
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Zinc oxide (1314-13-2)

Fluorinated greenhouse gases	False
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Naphtha (petroleum) [Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% normal hexane] (64742-49-0)

Fluorinated greenhouse gases	False
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1,3-benzenediol (108-46-3)

Fluorinated greenhouse gases	False
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Rosin; colophony (8050-09-7)

Fluorinated greenhouse gases	False
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Lead(II)-oxide (1317-36-8)

Fluorinated greenhouse gases	False
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N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenyldiamine (793-24-8)

Fluorinated greenhouse gases	False
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Carbon black (1333-86-4)

Fluorinated greenhouse gases	False
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Silicon dioxide, amorphous (7631-86-9)

Fluorinated greenhouse gases	False
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Other substances (not contributing to the classification of this product)

Fluorinated greenhouse gases	False
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SECTION 13: Disposal considerations

- Waste treatment methods : Recycling is preferred to disposal or incineration. Can be incinerated according to local regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions.
- Product/Packaging disposal recommendations : Packaging that cannot be cleaned should be disposed of like the product. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Empty containers should be taken for local recycling, recovery or waste disposal.
- Additional information : Flammable vapours may accumulate in the container.

SECTION 14: Transport information

ADG	IMDG	IATA
14.1. UN number		
1133	1133	1133
14.2. UN proper shipping name		
ADHESIVES	ADHESIVES	Adhesives
14.3. Transport hazard class(es)		
3	3	3
14.4. Packing group		
II - substances presenting medium danger	II	II
14.5. Environmental hazards		
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes

14.6. Special precautions for user

- Specific storage requirement : No data available
- Shock sensitivity : No data available

14.7. Additional information

- Other information : No supplementary information available

Transport by road and rail

- UN-No. (ADG) : 1133
- Limited quantities (ADG) : 5l
- Packing instructions (ADG) : P001, IBC02
- Special packing provisions (ADG) : PP1
- Portable tank and bulk container instructions (ADG) : T4
- Portable tank and bulk container special provisions (ADG) : TP1, TP8

Transport by sea

- UN-No. (IMDG) : 1133
- Limited quantities (IMDG) : 5 L
- Excepted quantities (IMDG) : E2
- Packing instructions (IMDG) : P001
- Special packing provisions (IMDG) : PP1
- IBC packing instructions (IMDG) : IBC02
- Tank instructions (IMDG) : T4

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Tank special provisions (IMDG) : TP1, TP8
EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage) : S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS
Stowage category (IMDG) : B

Air transport

UN-No. (IATA) : 1133
PCA Excepted quantities (IATA) : E2
PCA Limited quantities (IATA) : Y341
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 353
PCA max net quantity (IATA) : 5L
CAO packing instructions (IATA) : 364
CAO max net quantity (IATA) : 60L
Special provisions (IATA) : A3
ERG code (IATA) : 3L

14.8. Hazchem or Emergency Action Code

Hazchem Code : * 3YE

SECTION 15: Regulatory information

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

National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

Australian Inventory of Chemical Substances (AICS) status : All the chemicals contained in this product are listed on the AICS

15.2. International agreements

No additional information available

SECTION 16: Other information

Abbreviations and acronyms : ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IATA - International Air Transport Association
IMDG - International Maritime Dangerous Goods
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
DOT - Department of Transport
TDG - Transportation of Dangerous Goods
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
GHS - Globally Harmonized System of Classification, Labelling and Packaging of Chemicals
IARC - International Agency for Research on Cancer
vPvB - Very Persistent and Very Bioaccumulative
PBT - Persistent Bioaccumulative Toxic
PNEC - Predicted No-Effect Concentration
CAS - CAS (Chemical Abstracts Service) number
IBC-Code - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ATE - Acute Toxicity Estimate
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
BCF - Bioconcentration factor
MARPOL 73/78 - MARPOL 73/78: International Convention for the Prevention of Pollution From Ships
ADG - Transport of Australian Dangerous Goods

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Other information

: Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Classification	
Flam. Liq. 2	H225
Skin Irrit. 2	H315
STOT SE 3	H336
Aquatic Chronic 2	H411

Full text of H-statements	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
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
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Lact.	Reproductive toxicity, Additional category, Effects on or via lactation
Repr. 1B	Reproductive toxicity, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 1	Specific target organ toxicity — Single exposure, Category 1
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer.

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Full text of H-statements	
H360	May damage fertility or the unborn child.
H362	May cause harm to breast-fed children.
H370	Causes damage to organs.
H371	May cause damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
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.

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.