Safety Data Sheet

Material: 10001879 **SILRES HK 46** ***SMP,1KG**

Version 1.13 (AU) Print Date 19.10.2026 Date of last alteration: 01.04.2026

SECTION 1: Identification

1.1 Product identifier

Commercial product name: **SILRES HK 46** ***SMP,1KG**

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

Use of substance / preparation:
Industrial. Commercial.
Bonding agent

1.3 Details of the supplier of the safety data sheet

Manufacturer:	Wacker Chemie AG
Street/POB-No.:	Gisela-Stein-Straße 1
State/postal code/city:	D 81671 München
Telephone:	+49 89 6279-0
Distributor:	Wacker Chemie AG Care of Wacker Chemicals Australia Pty Ltd
Street/POB-No.:	Unit 1 / 35 Dunlop Road
State/postal code/city:	Mulgrave, Victoria 3170
Telephone:	+61 3 9541 8900
Information about the Safety Data Sheet:	Telephone +49 8677 83-4888 eMail WLCP-MSDS@wacker.com

1.4 Emergency telephone number

Emergency Information:	Regulatory Compliance Manager	+61 3 9541 8900
Emergency response service only (24h):		**+61 2 8014 4558**

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Hazardous Chemical according to Australian GHS criteria. Dangerous Goods to the ADG Code.

Classification	H-Code
Flammable liquids, Category 3	H226
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318
Specific target organ toxicity - repeated exposure, Category 2 (hearing organs)	H373
Specific target organ toxicity - single exposure, Category 3	H335

2.2 Label elements

Pictogram(s):



Signal Word: Danger

H-Code	Hazard Statements
H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H373	May cause damage to organs (hearing organs) through prolonged or repeated exposure.

P-Code	Precautionary Statements
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P243	Take action to prevent static discharges.
P260	Do not breathe vapours/spray.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P310	Immediately call a POISON CENTER/ doctor.

Hazard ingredients (labelling):
Xylene, mixed isomers (30 %)
n-Butanol (10 %)
Ethyl benzene (10 %)

2.3 Other hazards

No data available.
Endocrine disrupting properties - human health: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Endocrine disrupting properties - environment: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition and information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

3.2.1 Chemical characteristics

Alkylsilicone resin + solvent

3.2.2 Ingredients

Type	CAS-No.	Substance	Content %
INHA	1330-20-7	Xylene, mixed isomers	>25 – <35
INHA	71-36-3	n-Butanol	<15
VERU	100-41-4	Ethyl benzene	<15
VERU	108-88-3	Toluene	>0.1 – <0.3

Type: INHA: ingredient, VERU: impurity

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above ≥ 0.1%.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:
Take persons to a safe place. Observe self-protection for first aid. Seek medical advice in the event of contact with this substance.

After contact with the eyes:
Rinse immediately with plenty of water for 10-15 minutes. Keep eyelids well open to rinse the whole eye surface and eyelids with water. Seek medical advice and clearly identify substance.

After contact with the skin:
Remove contaminated or soaked clothing. Wash off with plenty of water or water and soap immediately for 10-15 minutes. In serious cases, use emergency shower immediately. Seek medical advice and clearly identify substance.

After inhalation:
Keep the patient calm. Protect against loss of body heat. Seek medical advice and clearly identify substance.

After swallowing:
If conscious, give several small portions of water to drink. Do not induce vomiting. Seek medical advice and clearly identify substance.

4.2 Most important symptoms and effects, both acute and delayed

Any relevant information can be found in other parts of this section.

4.3 Advice for the doctor:

Further toxicology information in section 11 must be observed.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:
alcohol-resistant foam , carbon dioxide , sand , extinguishing powder .

Extinguishing media which must not be used for safety reasons:
water .

5.2 Special hazards arising from the substance or mixture

Risk of hazardous gasses or fumes in the event of fire. Exposure to combustion products may be a health hazard! Hazardous combustion products: toxic and very toxic fumes.

5.3 Advice for firefighters

Special protective equipment for fire fighting:
Use respiratory protection independent of recirculated air. Keep unprotected persons away.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. If material is released indicate risk of slipping. Do not walk through spilled material.

6.2 Environmental precautions

Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground.

6.3 Methods and material for containment and cleaning up

Take up mechanically and dispose of according to local/state/federal regulations. Do not flush away with water. For small amounts: Absorb with a neutral (non-acidic / non-basic) liquid binding material such as diatomaceous earth and dispose of according to government regulations. For large amounts: Liquids may be recovered using suction devices or pumps. If flammable, only air driven or properly rated electrical equipment should be used. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Silicone fluids are slippery; spills are a safety hazard. Apply sand or other inert granular material to improve traction.

Further information:
Exhaust vapours. Eliminate all sources of ignition. Consider explosion protection. Observe notes under section 7.

6.4 Reference to other sections

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling:
Ensure adequate ventilation. Must be syphoned off in situ. Spilled substance increases risk of slipping. Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection). Observe information in section 8. Keep away from incompatible substances in accordance with section 10.

Precautions against fire and explosion:
Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging. Cool endangered containers with water.

7.2 Conditions for safe storage, including any incompatibilities

Conditions for storage rooms and vessels:
Observe local/state/federal regulations.

Advice for storage of incompatible materials:
Observe local/state/federal regulations.

Further information for storage:
Store in a dry and cool place. Store container in a well ventilated place.

7.3 Specific end use(s)

No data available.

7.4 Regulations and standards (Australia):

Store and handle in accordance with Work Health & Safety Regulations or Occupational Health & Safety Regulations.Store and handle in accordance with Dangerous Goods (Storage & Handling) Regulations and AS 1940 The Storage & Handling of Flammable and Combustible Liquids.

SECTION 8: Exposure controls and personal protection

8.1 Control parameters

Maximum airborne concentrations at the workplace:

Substance	Type	mg/m^3	ppm	Dust fract.	Fibre/m^3
1-Butanol	ES_AU	150.0	50.0		
Xylene	ES_AU	350.0	80.0		
Ethyl benzene	ES_AU	434.0	100.0		
Aerosol - inhalable fraction		10.0			
Toluene	ES_AU	191.0	50.0		

-
The aerosol limit specified is a recommendation should aerosol be formed during processing.

8.2 Exposure controls

8.2.1 Exposure in the work place limited and controlled

General protection and hygiene measures:
Observe standard industrial hygiene practices for the handling of chemical substances. Do not inhale gases/vapours/aerosols. Use with adequate ventilation. Avoid contact with eyes and skin. Preventive skin protection recommended. Remove contaminated, soaked clothing immediately. Clean work areas regularly. Provide emergency shower and eye-bath. Do not eat, drink or smoke when handling. Keep away from foodstuff, drink and feedingstuff.

Further information for system design and engineering measures

Observe information in section 7. Observe national regulatory requirements.

Personal protection equipment:

Respiratory protection

If inhalative exposure above the occupational exposure limit cannot be excluded, adequate respiratory protection equipment must be used. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136. Recommended Filter type: Gas filter type ABEK (certain inorganic, organic and acidic gases and vapors; ammonia/amines), according to acknowledged standards such as EN 14387

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136.
Recommended Filter type: Combined filter type ABEK-P2 (certain inorganic, organic and acidic gases and vapors; ammonia/amines; particles), according to acknowledged standards such as EN 14387

For long or intense exposure, use respiratory protective equipment. Suitable respiratory equipment: Positive pressure self contained breathing apparatus, according to acknowledged standards such as EN 137.

Observe the equipment manufacturer's information and wear time limits for respirators.

Eye protection

tight fitting protective goggles, according to acknowledged standards such as EN 166.

Hand protection

Protective gloves are required at all times when handling the material, according to recognized standards such as EN374.

Recommended glove types: Protective gloves made of fluorinated rubber
thickness of the material: > 0.7 mm
Breakthrough time: > 480 min

Recommended glove types: Protective gloves made of 5-layer laminate of PE and EVOH (4H)
thickness of the material: > 0.062 mm
Breakthrough time: > 480 min

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Note that, due to the numerous external influences (such as temperature), a chemically resistant protective glove in daily use may have a service life that is considerably shorter than the measured break through time.

Skin protection

Chemical protective clothing, according to acknowledged standards such as EN 13034, full-body liquid-tight protection if necessary, according to acknowledged standards such as EN 14605, if handled uncovered. Please observe the instructions regarding permeability time which are provided by the supplier. antistatic protective clothing, according to acknowledged standards such as EN 1149 and antistatic working shoes, according to acknowledged standards such as ISO 20345 and ISO 20347.

8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters, drains or sewers and soil.

8.2.3 Specific notes (Australia):

Select and use respirators in accordance with AS1715/1716.If spraying or other operations which generate an aerosol mist are conducted, respiratory protection for exposed personnel is recommended.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Property:	Value:	Method:
Appearance		
Physical state	liquid	
Colour	colourless	
Odour		
Odour	strong	
Odour limit		
Odour limit	no data available	
pH-Value		
pH-Value	Not applicable. Insoluble in water.	
Melting point/freezing point		
Melting point / melting range	exempt	
Initial boiling point and boiling range		
Boiling point / boiling range	118 °C at 1013 hPa	
Flash point		
Flash point	26 °C	(DIN 53213)

Evaporation rate
Evaporation rate ..... : no data available
Upper/lower flammability or explosive limits
Lower explosion limit ..... : 1 Vol-%
Upper explosion limit ..... : 11.6 Vol-%
Vapour pressure
Vapour pressure ..... : 76.9 hPa at 50 °C
Vapour pressure ..... : 38.6 hPa at 38 °C
Vapour pressure ..... : 12.3 hPa at 20 °C
Solubility(ies)
Water solubility ..... : practically insoluble at 20 °C
Vapour density
Relative gas/vapour density ..... : no data available
Relative Density
Relative Density ..... : 1.01 (20 °C) (DIN 51757)
(Water / 4 °C = 1,00)
Density ..... : 1.01 g/cm³ (20 °C) (DIN 51757)
Partition coefficient: n-octanol/water
Partition coefficient: n-octanol/water ..... : not applicable
Auto-ignition temperature
Ignition temperature ..... : 435 °C (DIN 51794)
Decomposition temperature
Thermal decomposition ..... : no data available
Viscosity
Viscosity, kinematic ..... : 56.75 mm²/s at 25 °C (DIN 51562)
Viscosity, kinematic ..... : 38.13 mm²/s at 40 °C (DIN 51562)
Molecular mass
Molecular mass ..... : not applicable

9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 – 10.3 Reactivity; Chemical stability; Possibility of hazardous reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Relevant information can possibly be found in other parts of this section.

10.4 Conditions to avoid

Heat, open flames, and other sources of ignition.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

If stored and handled properly: none known. The following applies for the silicone content of the substance: Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

11.1.1 General information

Data derived for the product as a whole are of higher priority than data for single ingredients.

11.1.2 Acute toxicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Acute toxicity estimate (ATE):
ATE_{mix} (dermal): > 5000 mg/kg
ATE_{mix} (by inhalation / vapour): 89 mg/l/4 h
ATE_{mix} (Oral): > 5000 mg/kg

Data on substances:

n-Butanol:

Exposure routes	Result/Effect
Oral	LD50 2290 mg/kg Species: Rat, Method: OECD 401, Source: ECHA
dermal	LD50 3430 mg/kg Species: Rabbit, Method: OECD 402, Source: ECHA
by inhalation (vapour)	LC50 > 17.76 ppm; 4 h Species: Rat, Method: OECD 403, Source: ECHA

Xylene, mixed isomers:

Exposure routes	Result/Effect
Oral	LD50 3523 mg/kg Species: Rat, Sex: male, Method: OECD 401, Source: ECHA
Oral	LD50 > 4000 mg/kg Species: Rat, Sex: female, Method: OECD 401, Source: ECHA
dermal	LD50 > 4200 mg/kg Species: Rabbit, Sex: male, Source: ECHA
by inhalation (vapour)	LC50 27.6 mg/l / 6350 ppm; 4 h Species: Rat, Sex: male, Test substance: read-across substance, Method: OECD 403, Source: ECHA

Ethyl benzene:

Exposure routes	Result/Effect
Oral	LD50 3500 mg/kg Species: Rat, Sex: male and female, Source: ECHA
Oral	LD50 5460 mg/kg Species: Rat, Sex: male, Source: ECHA
dermal	LD50 15400 mg/kg Species: Rabbit, Sex: male, Source: ECHA
by inhalation (vapour)	LC50 17.8 mg/l; 4 h Species: Rat, Sex: male, Source: ECHA

11.1.3 Skin corrosion/irritation

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Data on substances:

n-Butanol:

irritating (Species: Rabbit, Source: ECHA)

Xylene, mixed isomers:

irritating (Species: Rabbit, Source: ECHA)

Ethyl benzene:

No skin irritation (Species: Rabbit, Source: ECHA)

11.1.4 Serious eye damage/eye irritation

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Data on substances:

n-Butanol:

serious damages to eyes (Species: Rabbit, Method: OECD 405, Source: ECHA)

Xylene, mixed isomers:

mildly irritating (Species: Rabbit, Source: ECHA)

Ethyl benzene:

No eye irritation (Species: Rabbit, Source: ECHA)

11.1.5 Respiratory or skin sensitization

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Product details:

Exposure routes	Result
Inhalation	No data available.

Data on substances:

n-Butanol:

Exposure routes	Result
Skin contact	Does not cause skin sensitization. (Species: Guinea pig, Test system: Maximisation Test, Method: OECD 406, Source: ECHA)

Xylene, mixed isomers:

Exposure routes	Result
Skin contact	Does not cause skin sensitization. (Species: Mouse, Test system: Local lymph node assay (LLNA), Method: OECD 429, Source: ECHA)

Ethyl benzene:

Exposure routes	Result
Skin contact	Does not cause skin sensitization. (Species: Voluntary persons, Test system: Human skin patch test, Source: ECHA)

11.1.6 Germ cell mutagenicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Data on substances:

n-Butanol:

negative (Test system: mutation assay (in vitro) / bacterial cells, Method: OECD 471, Source: ECHA)

Xylene, mixed isomers:

negative (Test system: mutation assay (in vitro) / bacterial cells, Method: OECD 471, Source: ECHA)
negative (Test system: chromosome aberration assay (in vitro) / mammalian cells, Source: ECHA)
negative (Test system: mutation assay (in vitro) / yeast cells, Method: OECD 480, Source: ECHA)
negative (Test system: Rodent Dominant Lethal Test, Species: Mouse, Method: OECD 478, Source: ECHA)

Ethyl benzene:

negative (Test system: mutation assay (in vitro) / mouse lymphoma cells, Method: OECD 476, Source: ECHA)
negative (Test system: chromosome aberration assay (in vitro) / mammalian cells, Method: OECD 473, Source: ECHA)
negative (Test system: DNA repair assay (in vivo), Species: Mouse, Strain: B6C3F1, Sex: male and female, Application Route: by inhalation, Cell type: liver cells, Method: OECD 486, Source: ECHA)
negative (Test system: chromosome aberration assay (in vivo), Species: Mouse, Sex: male, Application Route: Oral, Cell type: erythrocytes, Method: OECD 474, Source: ECHA)

11.1.7 Carcinogenicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Data on substances:

Ethyl benzene:

NOAEC: 250 ppm (target organs: Testes, Kidney, Symptoms/Effect: Neoplasia, adenomas, Test system: carcinogenicity study, Species: Rat, Strain: Fischer F344, Sex: male and female, Application Route: by inhalation, Route of administration: vapour, Test period: 2 a, Frequency of Treatment: 5 d/w, hours/day: 6, Method: OECD 453, Source: ECHA)
NOAEC: 250 ppm (target organs: Liver, Lungs, Symptoms/Effect: Neoplasia, Test system: carcinogenicity study, Species: Mouse, Strain: B6C3F1, Sex: male and female, Application Route: by inhalation, Route of administration: vapour, Test period: 2 a, Frequency of Treatment: 5 d/w, hours/day: 6, Method: OECD 453, Source: ECHA)

11.1.8 Reproductive toxicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Data on substances

Ethyl benzene:

Reproductive Toxicity/Development/Teratogenicity
NOAEC (developmental): 500 ppm NOAEC (maternal toxicity): 500 ppm (Test system: Developmental Toxicity Study, Species: Rat, Strain: Sprague-Dawley, Sex: male and female, Application Route: by inhalation, Frequency of Treatment: day 6 - 18 of gestation, Method: OECD 414, Source: ECHA)

11.1.9 Specific target organ toxicity - single exposure

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Data on substances:

n-Butanol:

Result/Effect
Vapours may be narcotising. Irritating to respiratory system. Source: ECHA

Xylene, mixed isomers:

Vapours may be narcotising. Irritation of respiratory organs possible.

11.1.10 Specific target organ toxicity - repeated exposure

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.11 Aspiration hazard

Assessment:

In case an aspiration hazard is based on ingredients, this can be seen from the classification and labeling of the whole product.

Data on substances:

Xylene, mixed isomers:

Product can pose an aspiration hazard.

Ethyl benzene:

Product can pose an aspiration hazard.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Data on substances:

Xylene, mixed isomers:

No data available.

11.2.2 Further toxicological information

According to documentation n-butanol (71-36-3) is irritating to mucous membranes, slightly irritating to skin, degreases skin, has narcotic effects.

SECTION 12: Ecological information

12.1 Toxicity

Assessment:

For the product as a whole, no test data is available.

Data on substances:

Data derived for the product as a whole are of higher priority than data for single ingredients.

Xylene, mixed isomers:

Result/Effect	Species/Test system	Source
LC50: 2.6 mg/l	Oncorhynchus mykiss (rainbow trout) (96 h)	ECHA (read-across substance) OECD 203
EC50: 1 mg/l see user defined free text	static test Daphnia magna (Water flea) (24 h)	ECHA (read-across substance) OECD 202

ErC50: 4.36 mg/l	Pseudokirchneriella subcapitata (green algae) (73 h)	ECHA (read-across substance) OECD 201
NOEC (Growth rate): 0.44 mg/l	Pseudokirchneriella subcapitata (green algae) (73 h)	ECHA (read-across substance) OECD 201
NOEC (Respiration inhibition): 157 mg/l	activated sludge (3 h)	ECHA (read-across substance) OECD 209
NOEC (lethal and sub-lethal effects): 0.714 mg/l (measured)	flow-through test Danio rerio (zebra fish) (35 d)	ECHA (read-across substance) OECD 210

12.2 Persistence and degradability

Assessment:

Polymer component: biologically not degradable. Elimination by adsorption to activated sludge.

Data on substances:

Xylene, mixed isomers:

Biodegradation:

Result	Test system/Method	Source
87.8 % / 28 d Readily biodegradable.	no data available	ECHA (read-across substance) OECD 301F

12.3 Bioaccumulative potential

Assessment:

Polymer component: No adverse effects expected.

12.4 Mobility in soil

Assessment:

Polymer component: insoluble in water.

12.5 Results of PBT and vPvB assessment

PBT assessment
No data available.

vPvB Assessment
No data available.

Data on substances:

Xylene, mixed isomers:

PBT assessment
No data available.

vPvB Assessment
No data available.

12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Data on substances:

Xylene, mixed isomers:

No data available.

12.7 Other adverse effects

none known

SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Material

Recommendation:
Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

13.1.2 Uncleaned packaging

Recommendation:
Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

SECTION 14: Transport information

14.1 UN number

ADG .....: UN1993
IMDG.....: UN1993
ICAO/IATA .....: UN1993

14.2 Proper shipping name

ADG .....: Flammable liquid, n.o.s. (Xylene, Butanol)
IMDG.....: Flammable liquid, n.o.s. (Xylenes, Butanol)
ICAO/IATA .....: Flammable liquid, n.o.s. (Xylenes, Butanol)

14.3 Transport hazard class

ADG .....: 3
Hazchem Code: •3Y
IMDG.....: 3
ICAO/IATA .....: 3

14.4 Packing group

ADG .....: III
IMDG.....: III
ICAO/IATA .....: III

14.5 Environmental hazards

Environmentally hazardous: no
Marine pollutant (IMDG): no

14.6 Special precautions for user

Relevant information in other sections has to be considered.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Bulk transport in tankers is not intended.

SECTION 15: Regulatory information

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

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

Poisons Standard (Standard for the Uniform Scheduling of Medicines and Poisons; SUSMP)

Poisons Schedule number:
This is an S5 Scheduled Poison.

The material contains the following scheduled poisons:

Substance	Schedule
Xylene, mixed isomers	This is an S5 and S6 Scheduled Poison.
Ethyl benzene	This is an S5 Scheduled Poison.
n-Butanol	

Label elements:

15.2 Details of international registration status

Relevant information about individual substance inventories, where available, is given below.

Japan ..... : **ENCS** (Handbook of Existing and New Chemical Substances):
This product is listed in, or complies with, the substance inventory.

Australia ..... : **AIIC** (Australian Inventory of Industrial Chemicals):
This product is listed in, or complies with, the substance inventory.

China..... : **IECSC** (Inventory of Existing Chemical Substances in China):
This product is listed in, or complies with, the substance inventory.

Canada ..... : **DSL** (Domestic Substance List):
This product is listed in, or complies with, the substance inventory.

Philippines..... : **PICCS** (Philippine Inventory of Chemicals and Chemical Substances):
This product is listed in, or complies with, the substance inventory.

United States of America (USA)..... : **TSCA** (Toxic Substance Control Act Chemical Substance Inventory):
All components of this product are listed as active or are in compliance with the substance inventory.

Taiwan ..... : **TCSI** (Taiwan Chemical Substance Inventory):
This product is listed in, or complies with, the substance inventory. General note: The Taiwanese chemicals regulation requires a phase 1 registration for TCSI-listed or TCSI-compliant substances if imports to Taiwan or manufacturing in Taiwan exceed the trigger quantity of 100 kg/a (for mixtures to be calculated per each ingredient). It is the duty of the importing/manufacturing legal entity to take care of this obligation.

European Economic Area (EEA)..... : **REACH** (Regulation (EC) No 1907/2006):
General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.

South Korea (Republic of Korea) ..... : **AREC** (Act on Registration and Evaluation of Chemicals; “K-REACH”):
Please approach your regular contact for more detailed information.

SECTION 16: Any other relevant information

16.1 Material

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

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16.2 Further information:

Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

Classification	Rationale:
Flammable liquids, Category 3	On basis of test data.
Skin corrosion/irritation, Category 2	Calculation method

Serious eye damage/eye irritation, Category 1	Calculation method
Specific target organ toxicity - repeated exposure, Category 2	Calculation method
Specific target organ toxicity - single exposure, Category 3	Calculation method

16.3 Glossary of Terms:

CAS No. - Chemical Abstracts Service Registry Number
UN No. - United Nations Dangerous Goods Number
ADG Code - Australian Dangerous Goods Code for the Transport of Dangerous Goods by Road & Rail
IMDG Code - International Maritime Dangerous Goods Code
IATA Regs - International Air Transport Association (IATA) Dangerous Goods Regulations
NOHSC - Australian National Occupational Health and Safety Commission (Note: NOHSC documents are now published by Safe Work Australia)
ES_AU - Occupational exposure standard in Australia

- End of Safety Data Sheet -