

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

1.1 Product identifier

Trade name : H3506

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

Use of the Substance/Mixture : Adhesive

Recommended restrictions on use : For industrial use only.

1.3 Details of the supplier of the safety data sheet

Company : Heskins Ltd.

Address : Churchill Road Industrial Estate
Brinscall
Chorley
Lancashire
PR6 8RQ
UK

Tel : +44 1254 832266

1.4 Emergency telephone number

National Poisons Information Service (UK) 0844 892 0111 (healthcare professionals only)

NHS: 111 (members of the public)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Flammable liquids, Category 2	H225: Highly flammable liquid and vapour.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Reproductive toxicity, Category 2	H361d: Suspected of damaging the unborn child.
Specific target organ toxicity – single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Long-term (chronic) aquatic hazard, Category 2	H411: Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)



Hazard pictograms :

Signal word : Danger

Hazard statements :

- H225 Highly flammable liquid and vapour.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H361d Suspected of damaging the unborn child.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**

- P201 Obtain special instructions before use.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

Response:

- P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
- P391 Collect spillage.

Hazardous components which must be listed on the label:

butanone

toluene

Formaldehyde, oligomeric reaction products with phenol

Rosin

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
butanone	78-93-3 201-159-0 606-002-00-3 01-2119457290-43-0000	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 (Central nervous system)	>= 20 - < 30
Hydrocarbons, C6, isoalkanes, < 5 % n-hexane	64742-49-0 931-254-9 01-2119484651-34-0000	Flam. Liq. 2; H225 Aquatic Chronic 2; H411 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 (Respiratory system)	>= 20 - < 25
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	64742-49-0 921-024-6 01-2119475514-35-0000	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Aquatic Chronic 2; H411 Skin Irrit. 2; H315 STOT SE 3; H336 (Respiratory system)	>= 20 - < 25

toluene	108-88-3 203-625-9 601-021-00-3 01-2119471310-51-0000	Flam. Liq. 2; H225 Skin Irrit. 2; H315 Repr. 2; H361d STOT SE 3; H336 (Central nervous system) STOT RE 2; H373 Asp. Tox. 1; H304 Aquatic Chronic 3; H412	>= 3 - < 10
acetone	67-64-1 200-662-2	Flam. Liq. 2; H225 Eye Irrit. 2; H319	>= 1 - < 10
	606-001-00-8 01-2119471330-49-0000	STOT SE 3; H336 (Central nervous system)	
Formaldehyde, oligomeric reaction products with phenol	9003-35-4 500-005-2 01-2120735197-51-0000	Skin Sens. 1; H317	>= 1 - < 10
Rosin	8050-09-7 232-475-7 650-015-00-7 01-2119480418-32-0000	Skin Sens. 1; H317	>= 0,25 - < 1
zinc oxide	1314-13-2 215-222-5 030-013-00-7 01-2119463881-32-0000	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,1 - < 0,25

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : If on clothes, remove clothes.
Move the victim to fresh air.
Show this safety data sheet to the doctor in attendance.
Symptoms of poisoning may even occur after several hours;
therefore medical observation for at least 48 hours after the
accident.
- If inhaled : Remove person to fresh air. If signs/symptoms continue, get
medical attention.
In case of unconsciousness bring patient into stable side
position for transport.
- In case of skin contact: Wash off immediately with soap and plenty of water while
removing all contaminated clothes and shoes. If skin irritation
persists, call a physician.
- In case of eye contact : Flush eyes with water at least 15 minutes. Get medical
attention if eye irritation develops or persists.
- If swallowed : If accidentally swallowed obtain immediate medical attention.
Rinse mouth with water.
If conscious, drink plenty of water. Do NOT induce vomiting.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local
circumstances and the surrounding environment.
Water mist
Foam

Dry powder
Carbon dioxide (CO₂)

Unsuitable extinguishing media : Water with a full water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire- fighting : No further relevant information available.

5.3 Advice for firefighters

Special protective equipment for firefighters : No special protective measures against fire required.

Further information : In the event of fire, wear self-contained breathing apparatus.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Remove all sources of ignition.
Use personal protective equipment.
Use breathing protection against the effects of fumes/dust/aerosol.
Evacuate personnel to safe areas.
Ensure adequate ventilation.

6.2. Environmental precautions

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.
Prevent the material from reaching sewage system, holes and cellars.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Non-sparking tools should be used.
Ensure adequate ventilation.
Send for recovery or disposal in suitable containers.
Dispose of contaminated material as waste according to section 13.

6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8., For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of dust and aerosols.
Use only with adequate ventilation.
Take note of emission threshold.
Use solvent-proof equipment.
Ensure that suitable extractors are available on processing machines.
Handle with care.
Keep eye wash bottle available on working place. Avoid release to the environment.
Keep away from children.

Advice on protection against fire and explosion : Keep product and empty container away from heat and sources of ignition. Do not smoke. Take measures to prevent the build up of electrostatic charge. May form explosive mixtures in air. Highly volatile, flammable constituents are released during processing. In the event of fire and/or explosion do not breathe fumes. Keep breathing equipment ready. Have fire extinguishing equipment ready in case of nearby fire.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage

areas and containers : Keep dark, cool and dry. Store in cool place.

Further information on

storage conditions

: Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a cool place. Heat will increase pressure and may lead to the container exploding.

7.3 Specific end use(s)

Specific use(s)

: No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
butanone	78-93-3	TWA	200 ppm 600 mg/m ³	GB EH40
Further information: Can be absorbed through the skin. The assigned sub- substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.				
		STEL	300 ppm 899 mg/m ³	GB EH40
Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.				
		STEL	300 ppm 900 mg/m ³	2000/39/EC
Further information: Indicative				
		TWA	200 ppm 600 mg/m ³	2000/39/EC
Further information: Indicative				
toluene	108-88-3	TWA	50 ppm 191 mg/m ³	GB EH40

	Further information: Can be absorbed through the skin. The assigned sub- stances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	100 ppm 384 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned sub- stances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		TWA	50 ppm	2006/15/EC
			192 mg/m3	
	Further information: Indicative, Identifies the possibility of significant uptake through the skin			
		STEL	100 ppm 384 mg/m3	2006/15/EC
	Further information: Indicative, Identifies the possibility of significant uptake through the skin			
acetone	67-64-1	TWA	500 ppm 1.210 mg/m3	GB EH40
		STEL	1.500 ppm 3.620 mg/m3	GB EH40
		TWA	500 ppm 1.210 mg/m3	2000/39/EC
	Further information: Indicative			
Rosin	8050-09-7	TWA (Fumes)	0,05 mg/m3	GB EH40
	Further information: Capable of causing occupational asthma.			
		STEL (Fumes)	0,15 mg/m3	GB EH40
	Further information: Capable of causing occupational asthma.			

Derived No Effect Level (DNEL):

Substance name	End Use	Exposure routes	Potential health effects	Value
butanone	Workers	Dermal	Long-term systemic effects	1161 mg/kg
	Workers	Inhalation	Long-term systemic effects	600 mg/kg
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	Workers	Inhalation	Long-term systemic effects	2,035 mg/m3

toluene	Workers	Dermal	Long-term systemic effects	384 mg/kg
	Workers	Inhalation	Acute systemic effects	384 mg/m ³
	Workers	Inhalation	Acute local effects	384 mg/m ³
	Workers	Inhalation	Long-term local effects	192 mg/m ³
	Workers	Inhalation	Long-term systemic effects	192 mg/m ³
acetone	Workers	Dermal	Long-term systemic effects	186 mg/kg
	Workers	Inhalation	Acute local effects	2420 mg/m ³
	Workers	Inhalation	Long-term systemic effects	1210 mg/m ³

Predicted No Effect Concentration (PNEC):

Substance name	Environmental Compartment	Value
toluene	Fresh water sediment	0,68 mg/l
	Marine sediment	0,68 mg/l
	Sewage treatment plant	13,61 mg/l
	Fresh water sediment	16,39 mg/kg
	Marine sediment	16,39 mg/kg
	Soil	2,89 mg/kg
acetone	Marine water	1,06 mg/l
	Fresh water	10,6 mg/l
	Fresh water sediment	30,4 mg/l
	Marine sediment	3,04 mg/l
	Soil	0,112 mg/l
	Sewage treatment plant	29,5 mg/l

8.2 Exposure controls

Engineering measures

Please take care on national and local requirements.

Personal protective equipment

Eye protection : Tightly fitting safety goggles

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Hand protection

Remarks : The glove material has to be impermeable and resistant to the product/the substance/the preparation.
The exact break through time can be obtained from the protective glove producer and this has to be observed.
The gloves need to be disposed after the penetration time and replaced by new ones.
Apply skin protectant before working with gloves to avoid skin swellings and use a skin cleansing and skincare product after the work.

For the permanent contact gloves made of the following materials are suitable:
If longer exposure to the chemical preparation is necessary, a sturdy overglove against mechanical strain is recommended in combination with the Barrier 02-100 underglove from Ansell or other suppliers (penetration time: 480 min).

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable: Butyl rubber (minimum thickness: 0.7 mm; penetration time: 15 min)

As protection from splashes gloves made of the following materials are suitable:
Nitril (minimum thickness 0.12 mm), Disposable gloves with long cuffs

After contact with the chemical preparation, take the disposable nitrile glove off immediately and put on a new disposable nitrile glove.

Skin and body protection : Protective clothing

Respiratory protection : Use respiratory protection unless adequate risk management measures (exhaust/ ventilation) are provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
In case of brief exposure or low pollution (exceeding of TLV) use breathing filter apparatus.
In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

Ensure that suitable extractors are available on processing machines.

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Protective measures : Keep away from food, drink and animal feeding stuffs.
Instantly remove any soiled and impregnated garments.
Wash hands before breaks and immediately after handling the product.
Avoid contact with the eyes and skin.
Store protective clothing separately.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : coloured

Odour : aromatic

Odour Threshold : is not determined

pH : substance/mixture is non-polar/aprotic

Melting point/freezing point : is not determined

Boiling point/boiling range : > 60 °C

Flash point : -35 °C

Evaporation rate : is not determined

Upper explosion limit /
Upper flammability limit : 11,5 %(V)

Lower explosion limit /
Lower flammability limit : 0,6 %(V)

Relative vapour density : is not determined

Density : 0,8 g/cm³

Solubility(ies)
Water solubility : not miscible or difficult to mix

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Partition coefficient:

n- octanol/water : no data available

Auto-ignition temperature : is not determined

Decomposition temperature : Not applicable

Viscosity

Viscosity, kinematic : > 20,5 mm²/s (40 °C)

Explosive properties : Product is not explosive. However, formation of explosive vapour/air mixtures is possible.

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

No decomposition if used according to the specifications.

10.3. Possibility of hazardous reactions

Hazardous reactions : Develops readily flammable vapours/fumes.

10.4. Conditions to avoid

Conditions to avoid : No further relevant information available.

10.5. Incompatible materials

Materials to avoid : No further relevant information available.

10.6. Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects Acute toxicity

Product:

Acute oral toxicity : Based on available data, the classification criteria are not met.
Acute inhalation toxicity : Based on available data, the classification criteria are not met.
Acute dermal toxicity : Based on available data, the classification criteria are not met.

Components:

toluene:

Acute oral toxicity : LD50 Oral (Rat): 5.580 mg/kg

Acute inhalation toxicity : LC50 (Rat): 12,5 mg/l
Exposure time: 4 Hours

SECTION 12: Ecological information

12.1 Toxicity

Components:

Rosin:

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 3,8 - 5,4 mg/l
Exposure time: 48 Hours
Test Type: static test

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

Product:

Mobility : Medium: Soil

Remarks: Do not allow product to reach ground water, water bodies or sewage system.

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Do not dispose of with domestic refuse.
Do not dispose of waste into sewer.
Hand over to disposers of hazardous waste.
The generation of waste should be avoided or minimized wherever possible.
Incinerate under controlled conditions in accordance with all local and national laws and regulations.
Disposal must be made according to official regulations.

Contaminated packaging : Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number

AND : UN 1133

ADR : UN 1133

RID : UN 1133

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IMDG : UN 1133
IATA : UN 1133

14.2 UN proper shipping name

ADN : ADHESIVES
ADR : ADHESIVES
RID : ADHESIVES
IMDG : ADHESIVES
IATA : Adhesives

14.3 Transport hazard class(es)

ADN : 3
ADR : 3
RID : 3
IMDG : 3
IATA : 3

14.4 Packing group**ADN**

Packing group II
Classification Code FI
Hazard Identification Number 33
Labels 3

ADR

Packing group II
Classification Code FI
Hazard Identification Number 33
Labels 3
Tunnel restriction code (D/E)

RID

Packing group II
Classification Code FI
Hazard Identification Number 33
Labels 3

IMDG

Packing group	II
Labels	3
EmS Code	F-E, S-D

IATA (Cargo)

Packing instruction (cargo aircraft)	364
Packing instruction (LQ)	Y34I
Packing Group	II
Labels	Flammable Liquids

IATA_P (Passenger)

Packing instruction (passenger aircraft)	353
Packing instruction (LQ)	Y34I
Packing Group	II
Labels	Flammable Liquids

14.5 Environmental hazards

ADN

Environmentally hazardous : no

ADR

Environmentally hazardous : no

RID

Environmentally hazardous : no

IMDG

Marine pollutant : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Not applicable for product as supplied.



SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered:

Number on list 3 xylenes
 formaldehyde (Number on list 72, 28)

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59)
: Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer
: Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast)
: Not applicable

RoHS: 2011/65/EU, Restriction of Hazardous Substances
: Not applicable

Council Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
: Neither banned nor restricted

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals
: Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors
: acetone

UK REACH List of substances subject to authorisation (Annex XIV)
: Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

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P5c FLAMMABLE LIQUIDS

E2 ENVIRONMENTAL HAZARDS

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Not applicable

The components of this product are reported in the following inventories:

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture.

SECTION 16: Other information

Full text of H-Statements

- H225 : Highly flammable liquid and vapour.
- H304 : May be fatal if swallowed and enters airways.
- H315 : Causes skin irritation.
- H317 : May cause an allergic skin reaction.
- H319 : Causes serious eye irritation.
- H336 : May cause drowsiness or dizziness.
- H361d : Suspected of damaging the unborn child.
- H373 : May cause 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.

Full text of other abbreviations

- Aquatic Acute : Short-term (acute) aquatic hazard
- Aquatic Chronic : Long-term (chronic) aquatic hazard
- Asp. Tox. : Aspiration hazard
- Eye Irrit. : Eye irritation
- Flam. Liq. : Flammable liquids
- Repr. : Reproductive toxicity
- Skin Irrit. : Skin irritation
- Skin Sens. : Skin sensitisation
- STOT RE : Specific target organ toxicity - repeated exposure
- STOT SE : Specific target organ toxicity - single exposure

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- 2000/39/EC : Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
- 2006/15/EC : Europe. Indicative occupational exposure limit values
- GB EH40 : UK. EH40 WEL - Workplace Exposure Limits
- 2000/39/EC/TWA : Limit Value - eight hours
- 2000/39/EC / STEL: Short term exposure limit
- 2006/15/EC / TWA: Limit Value - eight hours
- 2006/15/EC / STEL : Short term exposure limit
- GB EH40/TWA : Long-term exposure limit (8-hour TWA reference period)
- GB EH40 / STEL : Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization;



KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information : This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Classification of the mixture:

Flam. Liq. 2	H225
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
Repr. 2	H361d
STOT SE 3	H336
Aquatic Chronic 2	H411

Classification procedure:

Based on product data or assessment
Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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