SAFETY DATA SHEET

One Coat DPM Fast - Hardener

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

1.1. Product identifier

Trade name

One Coat DPM Fast - Hardener

Unique formula identifier (UFI)

7M67-DPVR-QN3T-69TJ

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

Relevant identified uses of the substance or mixture

Construction Materials

Restricted to professional and industrial use.

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Kelmore Limited

The Dell, Berry Way, Chorley

PR7 6RA Lancashire

UK

E-mail

info@kelmore.co.uk

Revision

01/04/2026

SDS Version

1.0

1.4. Emergency telephone number

The National Poisons Information Centre (NPIC)

Public: +353 (0) 1 809 2166 (7 days a week, 8am- 10pm)

Healthcare professionals: +353 (0) 1 809 2566 (24 h service)

See also section 4 “First aid measures”

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP).

2.1. Classification of the substance or mixture

Skin Corr. 1A; H314, Causes severe skin burns and eye damage.

Skin Sens. 1; H317, May cause an allergic skin reaction.

Eye Dam. 1; H318, Causes serious eye damage.

Repr. 2; H361, Suspected of damaging fertility or the unborn child.

STOT RE 1; H372, Causes damage to organs through prolonged or repeated exposure.
Aquatic Chronic 2; H411, Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram(s)

Signal word

Danger

Hazard statement(s)

Causes severe skin burns and eye damage. (H314)
May cause an allergic skin reaction. (H317)
Suspected of damaging fertility or the unborn child. (H361)
Causes damage to organs through prolonged or repeated exposure. (H372)
Toxic to aquatic life with long lasting effects. (H411)

Precautionary statement(s)

General

If medical advice is needed, have product container or label at hand. (P101)
Keep out of reach of children. (P102)

Prevention

Obtain special instructions before use. (P201)
Wear eye protection/protective clothing. (P280)

Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)
IF exposed or concerned: Get medical advice/attention. (P308+P313)

Storage

Not applicable.

Disposal

Dispose of contents/container in accordance with local regulation. (P501)

Hazardous substances

4-tert-butylphenol
Paraformaldehyde, polimeric reaction products with 4-tert-butylphenol, m- phenylenbis(methylamine) and trimethylhexane- 1,6-diamine
m-phenylenebis(methylamine)
2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine
Benzyl alcohol
Reaction mass of (1-phenylethyl)phenols and bis-(1-phenylethyl)phenols
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine
Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl tolyl ether and triethylenetetramine
3-aminopropyldimethylamine;N,N-dimethyl-1,3-diaminopropane

Additional labelling

UFI: 7M67-DPVR-QN3T-69TJ

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

The substance(s) shown below are considered to be endocrine disruptors according to the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707:
4-tert-butylphenol

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
4-tert-butylphenol	CAS No.: 98-54-4 EC No.: 202-679-0 REACH: Index No.:	15-25%	Skin Irrit. 2, H315 Eye Dam. 1, H318 Repr. 2, H361f Aquatic Chronic 1, H410 (M=1)	[5]
Paraformaldehyde, polimeric reaction products with 4-tert-butylphenol, m-phenylenbis(methylamine) and trimethylhexane- 1,6-diamine	CAS No.: 2408029-04-7 EC No.: 860-159-4 REACH: Index No.:	15-25%	Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Chronic 3, H412	
m-phenylenebis(methylamine)	CAS No.: 1477-55-0 EC No.: 216-032-5 REACH: 01-2119480150-50-XXXX Index No.:	15-25%	EUH071 Acute Tox. 4, H302 Skin Corr. 1B, H314 Skin Sens. 1B, H317 Eye Dam. 1, H318 Acute Tox. 4, H332 Aquatic Chronic 3, H412	
2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine	CAS No.: 25513-64-8 EC No.: 247-063-2 REACH: Index No.:	10-15%	Acute Tox. 4, H302 Skin Corr. 1A, H314 Skin Sens. 1A, H317 Aquatic Chronic 3, H412	
Benzyl alcohol	CAS No.: 100-51-6 EC No.: 202-859-9 REACH: 01-2119492630-38 Index No.:	5-10%	Acute Tox. 4, H302 Acute Tox. 4, H332	
Reaction mass of (1-phenylethyl)phenols and bis-(1-phenylethyl)phenols	CAS No.: EC No.: 701-443-9 REACH: 01-2119980970-27-XXXX Index No.:	5-10%	Skin Irrit. 2, H315 Skin Sens. 1A, H317 Aquatic Chronic 2, H411	
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	CAS No.: 68082-29-1 EC No.: 500-191-5 REACH: Index No.:	5-10%	Skin Irrit. 2, H315 Skin Sens. 1A, H317 Eye Dam. 1, H318 Aquatic Chronic 2, H411	
Fatty acids, tall-oil, reaction products with bisphenol A, epichlorohydrin, glycidyl	CAS No.: 186321-96-0 EC No.: 606-078-8 REACH: 01-2119983521-35-XXXX Index No.:	5-10%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318	

tolyl ether and triethylenetetramine			Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
3-aminopropyldimethylamine; N,N-dimethyl-1,3-diaminopropane	CAS No.: 109-55-7 EC No.: 203-680-9 REACH: Index No.: 612-061-00-6	<1%	Flam. Liq. 3, H226 Acute Tox. 4, H302 Skin Corr. 1B, H314 Skin Sens. 1, H317	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[5] Substance is included in the Candidate List of substances of very high concern (SVHC).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact

If in eyes: Flush eyes with plenty of water or saline solution (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns

Not applicable.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as

coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:
Get immediate medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.
If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:
Nitrogen oxides (NO_x)
Carbon oxides (CO / CO2)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the National Poisons Information Centre (NPIC) on +353 (0) 1 809 2566 (24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.
Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 “Disposal considerations” on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.
Avoid direct contact with the product.
Avoid contact during pregnancy and while nursing.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Keep only in original packaging.

Storage conditions

Keep in a cool, well ventilated place away from heat.
Store locked up.

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

m-phenylenebis(methylamine)
Long term exposure limit (8 hours) (mg/m³): 0.1

2024 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations (2001-2021) and the Safety, Health and Welfare at Work (Carcinogens, Mutagens and Reprotoxic Substances) Regulations (2024).

DNEL

2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Oral	50 µg/kg bw/day

4-tert-butylphenol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	26 µg/kg bw/day
Long term – Systemic effects - Workers	Dermal	71 µg/kg bw/day
Long term – Systemic effects - General population	Inhalation	90 µg/m³
Long term – Systemic effects - Workers	Inhalation	500 µg/m³
Long term – Systemic effects - General population	Oral	26 µg/kg bw/day

Benzyl alcohol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	4 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	8 mg/kg bw/day
Short term – Systemic effects - General population	Dermal	20 mg/kg bw/day
Short term – Systemic effects - Workers	Dermal	40 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	5.4 mg/m³
Long term – Systemic effects - Workers	Inhalation	22 mg/m³
Short term – Systemic effects - General population	Inhalation	27 mg/m³
Short term – Systemic effects - Workers	Inhalation	110 mg/m³
Long term – Systemic effects - General population	Oral	4 mg/kg bw/day
Short term – Systemic effects - General population	Oral	20 mg/kg bw/day

m-phenylenebis(methylamine)

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - Workers	Dermal	330 µg/kg bw/day
Long term – Local effects - Workers	Inhalation	200 µg/m³
Long term – Systemic effects - Workers	Inhalation	1.2 mg/m³

PNEC

2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		102 µg/L
Freshwater sediment		622 µg/kg
Intermittent release (freshwater)		315 µg/L
Marine water		10.2 µg/L
Marine water sediment		62 µg/kg
Sewage treatment plant		72 mg/L
Soil		10 mg/kg

4-tert-butylphenol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		10 µg/L
Freshwater sediment		270 µg/kg
Intermittent release (freshwater)		48 µg/L
Marine water		1 µg/L
Marine water sediment		27 µg/kg
Predators		46.67 mg/kg
Sewage treatment plant		1.5 mg/L
Soil		250 µg/kg

Benzyl alcohol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		1-1.02 mg/L
Freshwater sediment		5.27 mg/kg
Intermittent release (freshwater)		2.3 mg/L
Marine water		100-102 µg/L
Marine water sediment		527 µg/kg
Sewage treatment plant		39 mg/L
Soil		456 µg/kg

m-phenylenebis(methylamine)

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		94 µg/L
Freshwater sediment		12.4 mg/kg
Intermittent release (freshwater)		152 µg/L
Marine water		9.4 µg/L
Marine water sediment		1.24 mg/kg
Sewage treatment plant		10 mg/L
Soil		2.44 mg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Do not recirculate outlet air that contain the substances.

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

Type	Class	Colour	Standards	
In case of inadequate ventilation wear respiratory protection. Recommended: disposable particulate mask(P2)(EN143)				
R	P2	White	EN143	

Skin protection

Recommended	Type/Category	Standards	
Wear appropriate protection clothing	-	-	

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Chemical resistant gloves	-	-	EN 374	

Eye protection

Type	Standards	
Safety glasses	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Clear

Odour / Odour threshold

Amine

pH

10.8

Density (g/cm^3)

1.05

Kinematic viscosity

504.762 mm^2/s

Dynamic viscosity

503 mPa.s

Particle characteristics

Not applicable

Phase changes

Melting point/Freezing point (°C)
Not applicable

Softening point/range (°C)
Does not apply to liquids.

Boiling point (°C)
No data available

Vapour pressure
No data available

Relative vapour density
No data available.

Decomposition temperature (°C)
No data available

Data on fire and explosion hazards

Flash point (°C)
Non flammable

Flammability (°C)
The material is not combustible.

Auto-ignition temperature (°C)
No data available

Lower and upper explosion limit (% v/v)
No data available

Solubility

Solubility in water
No data available

n-octanol/water coefficient (LogKow)
No data available

Solubility in fat (g/L)
No data available

9.2. Other information

Evaporation rate (n-butylacetate = 100)
No data available

Other physical and chemical parameters
No data available.

Oxidizing properties
No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 “Handling and storage”.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard

Due to the viscosity, this product does not present an aspiration hazard.

Symptoms related to the physical, chemical and toxicological characteristics

Reproductive toxicity: This product contains teratogenic substances, which may produce anomalies and/or developmental defects to the human offspring. Adverse effects include: death, growth retardation, congenital disorders, delayed mental development, and functional disorders. This product contains reprotoxic substances, which may harm the reproductive capacity. Adverse effects include: sterility, effects on the sexual function, lowered effective fertility and dysfunctional menstrual cycle.

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

11.2. Information on other hazards

Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Product/substance	One Coat DPM Fast - Hardener
Conclusion:	Not rapidly degradable

12.3. Bioaccumulative potential

Based on available data, the classification criteria are not met.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

The product contains a substance that is endocrine disrupting in relation to the environment.
4-tert-butylphenol (ED ENV)
This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.
This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.
To the extent the material has not been subject to regular tests of peroxide formation the waste shall be treated as explosive waste.
HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP 6 - Acute toxicity
HP 8 – Corrosive
HP 10 – Toxic for reproduction
HP 13 – Sensitising
HP 14 – Ecotoxic
Dispose of contents/container to an approved waste disposal plant.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

Not applicable.

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR/ADN/RID	UN2735	AMINES, LIQUID, CORROSIVE, N.O.S. (4-tert-butylphenol)	Transport hazard class: 8 Label: 8 Classification code: C7 	I	Yes	Limited quantities: 0 Tunnel restriction code: (E) See below for additional information.
IMDG	UN2735	AMINES, LIQUID, CORROSIVE, N.O.S. (4-tert-butylphenol)	Transport hazard class: 8 Label: 8 Classification code: C7 	I	Yes	Limited quantities: 0 EmS: F-A S-B See below for additional information.
IATA	UN2735	AMINES, LIQUID, CORROSIVE, N.O.S. (4-tert-butylphenol)	Transport hazard class: 8 Label: 8 Classification code: C7 	I	Yes	See below for additional information.

* Packing group
** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.
ADR/ADN/RID / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.
IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.
IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

Restrictions for application

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

E2 - ENVIRONMENTAL HAZARDS, Qualifying quantity (lower-tier): 200 tonnes / (upper-tier): 500 tonnes

REACH, Annex XVII

3-aminopropyldimethylamine;N,N-dimethyl-1,3-diaminopropane is subject to REACH restrictions (entry 40).

REACH - Candidate List of substances of very high concern

4-tert-butylphenol is included in the Candidate List of substances of very high concern (SVHC).

Additional information

Not applicable.

Sources

Protection of Young Persons (Employment) Act, 1996

Maternity Protection Act 1994 (34/1994) with later amendments.

SI No 209 of 2015 Chemicals Act (Control of Major Accident Hazards involving Dangerous Substances) Regulations 2015.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

EUH071, Corrosive to the respiratory tract.

H226, Flammable liquid and vapour.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

H332, Harmful if inhaled.

H361f, Suspected of damaging fertility.

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.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EC = Effective concentration
ED = Effective dose
EINECS = European Inventory of Existing Commercial chemical Substances
EL = Effective Loading
ErC = Concentration associated with x% growth rate response
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
HP = Hazardous Property code
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IC = X maximum inhibitory concentration
IMDG = International Maritime Dangerous Goods
LC = Lethal concentration
LCLo = Value is the lowest concentration of a material in air reported to have caused the death of animals or humans
LD = Lethal dose
LOAEC = Lowest Observed Adverse Effect Concentration
LOAEL = Lowest Observed Adverse Effect Level
LOEC = Lowest Observed Effect Concentration
LogKow = logarithm of the n-octanol/water coefficient
LL = Lethal Loading
M = For multiplication factor
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NOAEC = No Observed Adverse Effect Concentration
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
NOELR = No Observable Effect Loading Rate
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).
The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The safety data sheet is validated by

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Other

Information contained within this safety data sheet is based on current legislation and is believed to be accurate and is given in good faith (as of the date compiled). But it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. The information contained within relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Kelmore Limited gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Kelmore Limited accepts no liability for any loss or damage that may occur from the use of this information, nor do we offer warranty against patent infringement.
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