

Trade name: SCANDIPLEX B

Current version : 4.0.0, issued: 05.05.2021

Replaced version: 3.0.0, issued: 29.01.2019

Region: GB

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

1.1 Product identifier

Trade name

SCANDIPLEX B

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

Relevant identified uses of the substance or mixture

Hardener

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

SCAN-DIA GmbH

Luetkenheider Strasse 11

58099 Hagen

Germany

Telephone no. +49 (0) -2331-62469-0

Fax no. +49 (0) -2331-62469-29

e-mail info@scan-dia.com

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Acute Tox. 4; H302

Acute Tox. 4; H332

Aquatic Chronic 3; H412

Eye Dam. 1; H318

Skin Corr. 1B; H314

Skin Sens. 1; H317

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

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

Hazard pictograms



GHS05



GHS07

Signal word

Danger

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Hazardous component(s) to be indicated on label:3-aminomethyl-3,5,5-trimethylcyclohexylamine
m-phenylenebis(methylamine)**Hazard statement(s)**

H302+H332	Harmful if swallowed or if inhaled
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

Hazard statements (EU)

EUH071 Corrosive to the respiratory tract.

Precautionary statement(s)

P260	Do not breathe vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P501	Dispose of contents/container to a facility in accordance with local and national regulations.

2.3 Other hazards

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Hazardous ingredients**

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration
			%
1	benzyl alcohol		
	100-51-6 202-859-9 603-057-00-5 01-2119492630-38	Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2; H319	>= 25.00 - < 50.00 wt%
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine		
	2855-13-2 220-666-8 612-067-00-9 01-2119514687-32	Acute Tox. 4; H302 Acute Tox. 4; H312 Aquatic Chronic 3; H412 Skin Corr. 1B; H314 Skin Sens. 1; H317 Eye Dam. 1; H318	>= 25.00 - < 50.00 wt%
3	m-phenylenebis(methylamine)		
	1477-55-0 216-032-5 - 01-2119480150-50	Acute Tox. 4; H332 Acute Tox. 4; H302 Aquatic Chronic 3; H412 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1B; H317 EUH071	>= 10.00 - < 25.00 wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

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Acute toxicity estimate (ATE) values			
No	oral	dermal	inhalative
1	1620 mg/kg bodyweight		
2	1030 mg/kg bodyweight		

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated clothing and shoes and launder thoroughly before reusing. Seek medical advice immediately. Show MSDS to the attending physician.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. Do not use mouth-to-mouth or mouth-to-nose resuscitation.

After skin contact

Wash immediately with plenty of water for several minutes. Call a doctor immediately.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get immediate ophthalmic treatment.

After ingestion

Rinse the mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguishing measures to suit surroundings.

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide and carbon dioxide; Nitrogen oxides (NOx)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Run-off water from fire fighting must not be discharged into drains or enter surface water. 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

For non-emergency personnel

Use personal protective clothing. Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.

For emergency responders

Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. In case of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

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Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Neutralise with acid.

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Have emergency shower available. Provide eye wash fountain in work area. Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place.

Recommended storage temperature

Value 2 - 40 °C

Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

Substances to be avoided, see section 10.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	benzyl alcohol			100-51-6 202-859-9	
	dermal	Long term (chronic)	systemic	8	mg/kg/day
	dermal	Short term (acute)	systemic	40	mg/kg/day
	inhalative	Long term (chronic)	systemic	22	mg/m ³
	inhalative	Short term (acute)	systemic	110	mg/m ³
2	m-phenylenebis(methylamine)			1477-55-0 216-032-5	
	dermal	Long term (chronic)	systemic	0.33	mg/kg
	inhalative	Long term (chronic)	systemic	1.2	mg/m ³
	inhalative	Long term (chronic)	local	0.2	mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	benzyl alcohol			100-51-6 202-859-9	

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	oral	Long term (chronic)	systemic	4	mg/kg/day
	oral	Short term (acut)	systemic	20	mg/kg/day
	dermal	Long term (chronic)	systemic	4	mg/kg/day
	dermal	Long term (chronic)	systemic	20	mg/kg/day
	inhalative	Long term (chronic)	systemic	5.4	mg/m ³
	inhalative	Short term (acut)	systemic	4	mg/m ³
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine			2855-13-2 220-666-8	
	oral	Long term (chronic)	systemic	0.526	mg/kg/day

PNEC values

No	Substance name		CAS / EC no
	ecological compartment	Type	Value
1	benzyl alcohol		100-51-6 202-859-9
	water	fresh water	1 mg/L
	water	marine water	0.1 mg/L
	water	Aqua intermittent	2.3 mg/L
	water	fresh water sediment	5.27 mg/kg
	with reference to: dry weight		
	water	marine water sediment	0.527 mg/kg
	with reference to: dry weight		
	soil	-	0.456 mg/kg
	with reference to: dry weight		
	sewage treatment plant	-	39 mg/L
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine		2855-13-2 220-666-8
	water	fresh water	0.06 mg/L
	water	marine water	0.006 mg/L
	water	Aqua intermittent	0.23 mg/L
	water	fresh water sediment	5.784 mg/kg dry weight
	water	marine water sediment	0.578 mg/kg dry weight
	soil	-	1.121 mg/kg dry weight
	sewage treatment plant	-	3.18 mg/L
3	m-phenylenebis(methylamine)		1477-55-0 216-032-5
	water	fresh water	0.094 mg/L
	water	marine water	0.0094 mg/L
	water	Aqua intermittent	0.152 mg/L
	water	fresh water sediment	0.43 mg/kg
	with reference to: dry mass		
	water	marine water sediment	0.043 mg/kg
	with reference to: dry mass		
	soil	-	0.045 mg/kg
	with reference to: dry mass		
	sewage treatment plant	-	10 mg/L

8.2 Exposure controls**Appropriate engineering controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment**Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace

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threshold values are not specified.

Eye / face protection

Tightly fitting safety glasses (EN 166).

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material	butyl rubber			
Breakthrough time	>	8		h
Appropriate Material	nitrile rubber			
Breakthrough time	10	-	480	min

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation	
liquid	
Form/Colour	
liquid	
yellow	
Odour	
amine-like	
pH value	
Value	11 - 12
Source	supplier
Boiling point / boiling range	
Value	> 200 °C
Source	supplier
Melting point/freezing point	
No data available	
Decomposition temperature	
Value	> 200 °C
Source	supplier
Flash point	
Value	114 °C
Source	supplier
Ignition temperature	
No data available	
Flammability	
No data available	
Lower explosion limit	
No data available	
Upper explosion limit	
No data available	

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Vapour pressure
No data available

Relative vapour density
No data available

Relative density
No data available

Density	
Value	1.07 g/cm ³
Source	supplier

Solubility in water	
Source	supplier
Comments	partly soluble

Solubility
No data available

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
log Pow		1.05	
Reference temperature		20 °C	
Source		ECHA	
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
log Pow		0.99	
Reference temperature		23 °C	
with reference to		pH 6.34	
Source		ECHA	

Viscosity	
Value	appr. 500 mPa*s
Type	dynamic
Source	supplier

Particle characteristics
No data available

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Dangerous reactions are not expected if the product is handled according to its intended use.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

None known

10.5 Incompatible materials

strong acids; strong bases; strong oxidizing agents

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

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

Acute oral toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	SCANDIPLEX B
ATE (Mixture)	976.54 mg/kg
Method	Calculation method according Regulation (EC) No 1272/2008, (CLP), annex I, part 3, section 3.1.3.6.

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
LD50		1620	mg/kg bodyweight
Species	rat		
Source	ECHA		
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
LD50		1030	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		

Acute dermal toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	SCANDIPLEX B
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE dermal > 2000 mg/kg).

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
LD50	>	2000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	SCANDIPLEX B
ATE (Mixture)	15.4930 mg/l
Route of exposure / physical form	Vapour
Method	Calculation method according Regulation (EC) No 1272/2008, (CLP), annex I, part 3, section 3.1.3.6.

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
LC50	>	4.187	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Method	OECD 403		
Source	ECHA		
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
LC50	>	5.01	mg/l
Duration of exposure		4	h
State of aggregation	mist		
Species	rat		
Method	OECD 403		
Source	ECHA		

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Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
Species		rabbit	
Method		OECD 404	
Source		ECHA	
Evaluation		non-irritant	
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
Species		rabbit	
Method		Draize method	
Source		ECHA	
Evaluation		corrosive	
Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		irritant	
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		corrosive	
Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
Route of exposure		Skin	
Species		guinea pig	
Method		OECD 406	
Source		ECHA	
Evaluation		sensitizing	
Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
STOT - single exposure			
No data available			
STOT - repeated exposure			
No data available			
Aspiration hazard			
No data available			

11.2 Information on other hazards

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Endocrine disrupting properties

No data available.

Other information

No data available.

SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
LC50		460	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Method	EPA OPP 72-1		
Source	ECHA		
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
LC50		110	mg/l
Duration of exposure		96	h
Species	Leuciscus idus		
Method	EEC C1		
Source	ECHA		
Toxicity to fish (chronic)			
No data available			
Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
EC50		230	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
EC50		23	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
NOEC		51	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
NOEC		3	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
EC50		500	mg/l

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Duration of exposure	72	h
Species	Pseudokirchneriella subcapitata	
Method	OECD 201	
Source	ECHA	
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2 220-666-8
EC50	37	mg/l
Duration of exposure	72	h
Species	Desmodesmus subspicatus	
Method	EEC C3	
Source	ECHA	

Toxicity to algae (chronic)			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
NOEC		31072	mg/l
Duration of exposure		72	
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECDIN		
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
NOEC		1.5	mg/l
Duration of exposure		72	
Species	Desmodesmus subspicatus		
Method	440/2008/EC C.3.		
Source	ECHA		

Bacteria toxicity	
No data available	

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
Type	BOD of the ThOD		
Value	92	- 96	%
Duration		14	day(s)
Method	OECD 301 C		
Source	ECHA		
Evaluation	readily biodegradable		
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
Value		8	%
Duration		28	day(s)
Method	92/69 EEC C.4-A		
Source	ECHA		
Evaluation	not readily biodegradable		

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
log Pow		1.05	
Reference temperature		20	°C
Source	ECHA		
2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8
log Pow		0.99	
Reference temperature		23	°C
with reference to	pH 6.34		
Source	ECHA		

12.4 Mobility in soil

No data available.

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12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	The components of this product are not considered to be a PBT.
vPvB assessment	The components of this product are not considered to be a vPvB.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information
Do not discharge into drains or waters and do not dispose of in public landfills.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

Class	8
Classification code	C7
Packing group	II
Hazard identification no.	80
UN number	UN2735
Proper shipping name	AMINES, LIQUID, CORROSIVE, N.O.S.
Technical name	3-aminomethyl-3,5,5-trimethylcyclohexylamine m-phenylenebis(methylamine)
Tunnel restriction code	E
Label	8

14.2 Transport IMDG

Class	8
Packing group	II
UN number	UN2735
Proper shipping name	AMINES, LIQUID, CORROSIVE, N.O.S.
Technical name	3-aminomethyl-3,5,5-trimethylcyclohexylamine m-phenylenebis(methylamine)
EmS	F-A, S-B
Label	8

14.3 Transport ICAO-TI / IATA

Class	8
Packing group	II
UN number	UN2735
Proper shipping name	Amines, liquid, corrosive, n.o.s.
Technical name	3-aminomethyl-3,5,5-trimethylcyclohexylamine m-phenylenebis(methylamine)
Label	8

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14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
EU regulations**Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.	No 3
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Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information**Sources of key data used to compile the data sheet:**

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.
Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.
Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.
National Threshold Limit Values of the corresponding countries as amended in each case.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

EU safety data sheet



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Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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