

# Picric acid, Moistened with water

## Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 12/04/2017

Doc No: SDS-959.079/0



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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Picric acid, Moistened with water  
Type of product : Stabilized product  
Synonyms : 1,3,5-trinitrophenol, Moistened with water / 2,4,6-trinitrophenol, Moistened with water / 2-hydroxy-1,3,5-trinitrobenzene, Moistened with water / carbazotic acid, Moistened with water / carbonitrinic acid, Moistened with water / nitrocanthic acid, Moistened with water / nitrophenesic acid, Moistened with water / nitroxanthic acid, Moistened with water / phenoltrinitrate, Moistened with water / picrinitric acid, Moistened with water / picronitric acid, Moistened with water / trinitrocarbolic acid, Moistened with water / Trinitrophenol (picric acid), Moistened with water / Trinitrophenol (picric acid), Moistened with water

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Dyestuff/pigment  
Laboratory chemical

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

ISOLAB GmbH  
Bahnhofstrasse 10, D-97877  
Wertheim - Germany  
T +49 93 42 912 355 - F +49 93 42 912 357  
[prodsafe@isolab.de](mailto:prodsafe@isolab.de)

#### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Germany	Giftnotruf der Charité CBF, Haus VIII (Wirtschaftsgebäude), UG	Hindenburgdamm 30 12203 Berlin	+49 30 19240	

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Sol. 1 H228  
Acute Tox. 4 H302  
Acute Tox. 3 (Dermal) H311  
Acute Tox. 3 (Inhalation:dust,mist) H331

Full text of hazard classes and H-statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

GHS06

Signal word (CLP) :

Danger

Hazardous ingredients :

2,4,6-trinitrophenol, picric acid

Hazard statements (CLP) :

H228 - Flammable solid.  
H302 - Harmful if swallowed.  
H311 + H331 - Toxic in contact with skin or if inhaled.

Precautionary statements (CLP) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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P261 - Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P280 - Wear protective gloves/ protective clothing.  
P302 + P352 + P312 - IF ON SKIN: Wash with plenty of water. Call a POISON CENTER/doctor if you feel unwell.  
P304 + P340 + P311 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor.  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

EUH-statements : EUH001 - Explosive when dry

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2,4,6-trinitrophenol, picric acid	(CAS-No.) 88-89-1 (EC-No.) 201-865-9 (EC Index-No.) 609-009-00-X	60 - 65	Expl. 1.1, H201 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital. Never give alcohol to drink. Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Immediately consult a doctor/medical service. Call a doctor.

First-aid measures after skin contact : Wash immediately with lots of water (15 minutes)/shower. Do not apply (chemical) neutralizing agents. Remove clothing while washing. Consult a doctor/medical service. Rinse skin with water/shower.

First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Immediately consult a doctor/medical service. Call Poison Information Centre ([www.big.be/antigif.htm](http://www.big.be/antigif.htm)). Take the container/vomit to the doctor/hospital. Ingestion of large quantities: immediately to hospital. Do not induce vomiting.

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

Symptoms/effects after skin contact : May stain the skin. ON CONTINUOUS EXPOSURE/CONTACT: Caustic burns/corrosion of the skin. Burns.

Symptoms/effects after eye contact : Corrosion of the eye tissue. Serious damage to eyes.

Symptoms/effects after ingestion : Headache. Dizziness. Nausea. Vomiting. Diarrhoea. Affection of the renal tissue. Change in urine output. Urine discolouration. Visual disturbances. AFTER ABSORPTION OF HIGH QUANTITIES: Change in the haemogramme/blood composition. Burns to the gastric/intestinal mucosa. Burns.

Chronic symptoms : ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Skin rash/inflammation.

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

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Quantities of water. Water spray. Dry powder. Foam.  
Unsuitable extinguishing media : Carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : DIRECT FIRE HAZARD. May readily catch fire. INDIRECT FIRE HAZARD. Heating increases the fire hazard. Reactions involving a fire hazard: see "Reactivity Hazard".  
Explosion hazard : DIRECT EXPLOSION HAZARD. In dry state; substance belongs to the group of explosives. Substance is stabilized against explosive decomposition. INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard". Explosion risk in case of fire. Explosive when dry.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Precautionary measures fire : Exposure to fire/heat: keep upwind. Exposure to fire/heat: consider evacuation.  
Firefighting instructions : Evacuate area. If exposed to fire cool the closed containers by spraying with water. Extinguish/cool from behind cover/unmanned monitors. Do not move the load if exposed to heat. Depending on nature/size of load: consider extinguishment. Re-ignition is possible after the extinguishment. Dilute toxic gases with water spray. Take account of toxic fire-fighting water. Do not fight fire when fire reaches explosives.  
Protection during firefighting : Heat/fire exposure: compressed air/oxygen apparatus. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Protective equipment : Gloves. Face-shield. Corrosion-proof suit. See "Material-Handling" to select protective clothing.  
Emergency procedures : Ventilate spillage area. Notify experts. Mark the danger area. No naked flames. Keep containers closed. Wash contaminated clothes. In case of reactivity hazard: consider evacuation. NO open flames, NO sparks, and NO smoking. Avoid contact with skin, eyes and clothing. Do not breathe dust/fume/gas/mist/vapours/spray.

##### 6.1.2. For emergency responders

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

#### 6.2. Environmental precautions

Avoid release to the environment. Prevent soil and water pollution. Prevent spreading in sewers.

#### 6.3. Methods and material for containment and cleaning up

For containment : Contain leaking substance. Plug the leak, cut off the supply. Dam up the solid spill. Try to reduce evaporation. Cover with a water blanket. Do not use compressed air for pumping over spills.  
Methods for cleaning up : Mechanically recover the product. Wet with an excess of water. Start with disposal only in the presence of experts. Carefully collect the spill/leftovers. Scoop solid spill into closing containers. Do not use compressed air for pumping over spills. Store under water in containers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling. Notify authorities if product enters sewers or public waters.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Avoid dehydration. Use corrosionproof equipment. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Keep away from naked flames/heat. Observe strict hygiene. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Do not subject to grinding, shock, friction. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.
- Heat and ignition sources : KEEP SUBSTANCE AWAY FROM: heat sources.
- Information on mixed storage : KEEP SUBSTANCE AWAY FROM: combustible materials. reducing agents. (strong) bases. metals.
- Storage area : Fireproof storeroom. Keep locked up. Unauthorized persons are not admitted. Under a shelter/in the open. Aboveground. Detached building. Meet the legal requirements.
- Special rules on packaging : SPECIAL REQUIREMENTS: closing. clean. correctly labelled. meet the legal requirements. Secure fragile packagings in solid containers.
- Packaging materials : MATERIAL TO AVOID: carbon steel. copper. bronze.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

2,4,6-trinitrophenol, picric acid (88-89-1)		
EU	IOELV TWA (mg/m <sup>3</sup> )	0.1 mg/m <sup>3</sup> (Picric acid; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)
Belgium	Limit value (mg/m <sup>3</sup> )	0.1 mg/m <sup>3</sup> (Acide picrique; Belgium; Time-weighted average exposure limit 8 h)
France	VME (mg/m <sup>3</sup> )	0.1 mg/m <sup>3</sup> (Acide picrique; France; Time-weighted average exposure limit 8 h; VL: Valeur non réglementaire indicative)
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	0.1 mg/m <sup>3</sup> (Picrinezuur; Netherlands; Time-weighted average exposure limit 8 h; Public occupational exposure limit value)
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	0.1 mg/m <sup>3</sup> Picric acid; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	0.3 mg/m <sup>3</sup> Picric acid; United Kingdom; Short time value; Workplace exposure limit (EH40/2005)
USA - ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.1 mg/m <sup>3</sup> (Picric acid; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)

#### 8.2. Exposure controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### Personal protective equipment:

Gloves. Face shield. Corrosionproof clothing.

##### Materials for protective clothing:

GIVE GOOD RESISTANCE: butyl rubber. styrene-butadiene rubber. tetrafluoroethylene. viton. GIVE LESS RESISTANCE: neoprene. nitrile rubber. GIVE POOR RESISTANCE: PVA. PVC. chlorinated polyethylene. natural rubber

##### Hand protection:

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Gloves

### Eye protection:

Face shield. Safety glasses

### Skin and body protection:

Corrosion-proof clothing

### Respiratory protection:

Respiratory protection not required in normal conditions. Wear respiratory protection



### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Moist solid.
Molecular mass	: 229.10 g/mol
Colour	: Yellow.
Odour	: Odourless.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: 150 °C - closed cup
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable
Vapour pressure	: 1 hPa at 195 °C
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Density	: 1.800 g/cm <sup>3</sup> (20 °C)
Solubility	: Soluble in ethanol. Soluble in acetone. Soluble in methanol. Soluble in dimethyl sulfoxide. Soluble in nitric acid. Soluble in acetic acid. water: 14 g/l
Log Pow	: 2.03
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: Explosive when dry.
Oxidising properties	: No data available
Explosive limits	: Not applicable

### 9.2. Other information

VOC content	: 0 %
Other properties	: Substance has acid reaction.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

On heating/burning: release of toxic and corrosive gases/vapours (nitrous vapours, carbon monoxide - carbon dioxide). Reacts violently with (strong) reducers: (increased) risk of fire/explosion. Reacts violently with (some) bases. Prolonged storage: reacts with (some) metals: (increased) risk of fire. Explosive; mass explosion hazard.

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### 10.2. Chemical stability

Unstable on exposure to heat. Explosive when dry.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Oral: Harmful if swallowed. Dermal: Toxic in contact with skin. Inhalation:dust,mist: Toxic if inhaled.

ATE CLP (oral)	153.846 mg/kg bodyweight
ATE CLP (dermal)	461.538 mg/kg bodyweight
ATE CLP (dust,mist)	0.769 mg/l/4h

<b>2,4,6-trinitrophenol, picric acid (88-89-1)</b>	
LD50 oral rat	200 mg/kg (Rat)

Skin corrosion/irritation : Causes severe skin burns and eye damage.  
pH: 1.3

Serious eye damage/irritation : Serious eye damage, category 1, implicit  
pH: 1.3

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

Ecology - air : Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009).

Ecology - water : Water pollutant (surface water). Slightly harmful to fishes. Harmful to invertebrates (Daphnia). Harmful to algae. Not harmful to bacteria. pH shift.

<b>Picric acid, Moistened with water</b>	
LC50 fish 1	170 mg/l (LC50; 96 h)
EC50 Daphnia 1	112 mg/l (EC50)
EC50 other aquatic organisms 1	240 mg/l (Algae; Pure substance)

<b>2,4,6-trinitrophenol, picric acid (88-89-1)</b>	
LC50 fish 2	170 mg/l (LC50; 96 h)
EC50 Daphnia 1	88 mg/l (EC50)
EC50 other aquatic organisms 1	72 mg/l (Microcystis aeruginosa; Cell numbers)

### 12.2. Persistence and degradability

<b>Picric acid, Moistened with water</b>	
Persistence and degradability	Not readily biodegradable in water. Non degradable in the soil.
Chemical oxygen demand (COD)	0.92 g O <sub>2</sub> /g substance
ThOD	0.98 g O <sub>2</sub> /g substance

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<b>2,4,6-trinitrophenol, picric acid (88-89-1)</b>	
Persistence and degradability	Not readily biodegradable in water. Non degradable in the soil.
Chemical oxygen demand (COD)	0.92 g O <sub>2</sub> /g substance
ThOD	0.98 g O <sub>2</sub> /g substance

### 12.3. Bioaccumulative potential

<b>Picric acid, Moistened with water</b>	
Log Pow	2.03
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

<b>2,4,6-trinitrophenol, picric acid (88-89-1)</b>	
Log Pow	2.03
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

<b>Picric acid, Moistened with water</b>	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

### 12.6. Other adverse effects

No additional information available






## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Specific treatment. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals.
Additional information	: Hazardous waste according to Directive 2008/98/EC.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
1344	1344	1344	1344	1344
<b>14.2. UN proper shipping name</b>				
TRINITROPHENOL (PICRIC ACID), MOISTENED WITH WATER	TRINITROPHENOL (PICRIC ACID), MOISTENED WITH WATER	Picric acid, MOISTENED WITH WATER	TRINITROPHENOL (PICRIC ACID), MOISTENED WITH WATER	TRINITROPHENOL (PICRIC ACID), MOISTENED WITH WATER
<b>Transport document description</b>				
UN 1344 TRINITROPHENOL (PICRIC ACID), MOISTENED WITH WATER D, 4.1, I, (B)	UN 1344 TRINITROPHENOL (PICRIC ACID), MOISTENED WITH WATER, 4.1, I	UN 1344 Picric acid, MOISTENED WITH WATER, 4.1, I	UN 1344 TRINITROPHENOL (PICRIC ACID), MOISTENED WITH WATER, 4.1, I	UN 1344 TRINITROPHENOL (PICRIC ACID), MOISTENED WITH WATER, 4.1, I
<b>14.3. Transport hazard class(es)</b>				
4.1	4.1	4.1	4.1	4.1
				
<b>14.4. Packing group</b>				
I	I	I	I	I
<b>14.5. Environmental hazards</b>				
Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the

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ADR	IMDG	IATA	ADN	RID
environment : No	environment : No Marine pollutant : No	environment : No	environment : No	environment : No
No supplementary information available				

### 14.6. Special precautions for user

#### - Overland transport

Classification code (ADR)	: D
Limited quantities (ADR)	: 0
Excepted quantities (ADR)	: E0
Packing instructions (ADR)	: P406
Special packing provisions (ADR)	: B4
Mixed packing provisions (ADR)	: MP2
Transport category (ADR)	: 1
Special provisions for carriage - Operation (ADR)	: S14
Tunnel restriction code (ADR)	: B
EAC code	: 1W

#### - Transport by sea

Transport regulations (IMDG)	: Subject
Special provisions (IMDG)	: 28
Limited quantities (IMDG)	: 0
Excepted quantities (IMDG)	: E0
Packing instructions (IMDG)	: P406
Special packing provisions (IMDG)	: PP26, PP31
EmS-No. (Fire)	: F-B
EmS-No. (Spillage)	: S-J
Stowage category (IMDG)	: E
Segregation (IMDG)	: SG7, SG30
Properties and observations (IMDG)	: Desensitized explosive. Substance in pure form consists of yellow crystals. Soluble in water. Explosive and sensitive to friction in the dry state. May form extremely sensitive compounds with heavy metals or their salts. Harmful if swallowed or by skin contact.
MFAG-No	: 113

#### - Air transport

Transport regulations (IATA)	: Subject to the provisions
PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Forbidden
PCA limited quantity max net quantity (IATA)	: Forbidden
PCA packing instructions (IATA)	: 451
PCA max net quantity (IATA)	: 1kg
CAO packing instructions (IATA)	: 451
CAO max net quantity (IATA)	: 15kg
Special provisions (IATA)	: A40
ERG code (IATA)	: 3E

#### - Inland waterway transport

Classification code (ADN)	: D
Limited quantities (ADN)	: 0
Excepted quantities (ADN)	: E0
Equipment required (ADN)	: PP
Number of blue cones/lights (ADN)	: 1

#### - Rail transport

Transport regulations (RID)	: Subject
Classification code (RID)	: D
Limited quantities (RID)	: 0



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Excepted quantities (RID)	: E0
Packing instructions (RID)	: P406
Special packing provisions (RID)	: PP26
Mixed packing provisions (RID)	: MP2
Transport category (RID)	: 1
Special provisions for carriage – Packages (RID)	: W1
Hazard identification number (RID)	: 40

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 0 %

#### 15.1.2. National regulations

##### Germany

VwVwS Annex reference : Water hazard class (WGK) 2, hazard to waters (Classification according to VwVwS, Annex 4)

WGK remark : Classification water polluting in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 2)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

##### Denmark

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Data sources : 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Expl. 1.1	Explosives, Division 1.1

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Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Flam. Sol. 1	Flammable solids, Category 1
Acute Tox. 4	Acute toxicity, Category 1
H228	Flammable solid.
H302	Harmful if swallowed.
H311 + H331	Toxic in contact with skin or if inhaled

SDS ISOLAB

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*