IdentiPack
LEADER IN CUSTOMISED PACKAGING

Safety Data Sheet

According to 1907/2006/EG, Article 31

Date: 31-10-2017 Version: 2.0 Revision: 15-05-2017

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

1.1 Product identifier:

Trade name: Sodium thiosulfate 5% ≤ C < 10% (W/W) ($Na_2S_2O_3$)
Article number: 600008 (Identipack BV)
CAS-number: 10102-17-7
EINECS: 231-867-5
UFI: Not applicable.

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

Application of the substance / the mixture : Laboratory, Research or Fabricage.

1.3 Details of the supplier of the safety data sheet:

Downstreamuser

Identipack B.V.
Broekstraat 4
5721 CT Someren
Netherlands

Tel:(+31) (0)493 - 672277
Fax:(+31) (0)439 - 672268
E-mail : info@identipack.com

1.4 Emergency telephone number:

UK Tel: +44 151 951 3317 - Health and Safety Executive (HSE) Chemicals Regulation Directorate (24/7)
Ireland Tel: +353 1 8092566 - Beaumont Hospital - National Poisons Information Centre (24/7)
(EU Tel: 112)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) nr. 1272/2008:

The product is not classified according to the CLP regulation.

2.2 Label elements:

Labelling according to Regulation (EC) nr. 1272/2008:

Void.

Hazard pictogram:

Void.

Signal word:

Void.

Hazard-determining components of labelling:

Void.

Hazard statements:

Void.

Precautionary statements:

Void.

2.3 Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
Description:

Mixture made by the following substances:	
CAS: 10102-17-7 EINECS: 231-867-5 Index: -	Sodium thiosulfate 5% ≤ C < 10% ($Na_2S_2O_3$)

SECTION 4: First aid measures

4.1 Description of first aid measures:
General information: No special measures required.

After inhalation: Supply fresh air; consult a doctor in case of complaints.

After skin contact: If skin irritation continues, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed:
No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed:
No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media:
Suitable extinguishing agents:
CO_2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture:
Sulfur oxides (SOx). Sodium compounds.

5.3 Advice for firefighters:
Protective equipment:
Do not inhale gases in case of fire or combustion.

Additional information:
Keep receptacles cool with water spray.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:
Not required.

6.2 Environmental precautions:
Do not allow to enter sewers/surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:
Pick up mechanically. For fine dusts use a vacuum cleaner.

6.4 Reference to other sections:
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:
Avoid formation of dust and aerosols.

7.2 Conditions for safe storage, including any incompatibilities:
Storage:
Requirements to be met by storerooms: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: None..

7.3 Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:
Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: No further relevant information available.

8.2 Exposure controls:
Personal protective equipment:
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:
Not required.

Protection of hands:
The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425.

SECTION 8: Exposure controls/personal protection

Material of gloves:
The selection of the suitable gloves does not only depend on the material, but also on further Marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Not required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

General details:	
Appearance:	
Form:	Fluid.
Colour:	Colourless.
Odour:	Ether-like.
Odour threshold:	Not determined.
pH-value at 20 °C:	7
Change in condition:	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	> 100 °C.
Flash point:	Not applicable.
Flammability (solid, gas):	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
onderste:	Not determined.
bovenste:	Not determined.
Vapour pressure at 20 °C:	Not determined.
Density at 20 °C:	1,2 g/cm³.
Relative density:	Not determined.
Verdampingssnelheid	Not determined.
Solubility in / Miscibility with:	
Water:	Fully miscible.
Partition coefficient: (n-octanol/water):	Not determined.
Viscosity:	Not determined.
9.2 Other information:	No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity: See 10.3

10.2 Chemical stability:
Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions: No dangerous reactions known.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: In case of fire: Sulfur Oxides (SOx). Sodium compounds.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:
LD/LC50 values relevant for classification:
Oral - LD50 - >5000 mg/kg (rat)

Primary irritant effect:
Skin corrosion/irritation: No further relevant information available.
Serious eye damage/irritation: No further relevant information available.
Ingestion: It can be harmful if swallowed.
Inhalation: No further relevant information available.
Germ cell mutagenicity: No further relevant information available.
Carcinogenicity: No further relevant information available.
Reproductive toxicity: No further relevant information available.
STOT-single exposure: No further relevant information available.
STOT-repeated exposure: No further relevant information available.

SECTION 12: Ecological information

12.1 Toxicity:
Aquatic toxicity:
EC50/48h 1223 mg/L (Daphnia) (Daphnia magna)
LC50/96h >10,000 mg/L (fishes) (Pimephales promelas)

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.
Ecotoxical effects:
General notes:
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT– and vPvB-assessment:
PBT: Not applicable.
vPvB: Not applicable.

12.6 Other adverse effects: No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Recommendation:

Smaller quantities can be disposed of with household waste. Reutilise if possible or contact a waste processors for recycling or safe disposal.

Waste disposal key:

The European Union does not establish uniform rules for the disposal of chemical waste, which are special waste. Their treatment and elimination of the domestic legislation of each country. So in each case, you should contact the relevant authorities, or those companies legally authorized for elimination of waste.

Uncleaned packaging:

The containers and packing materials contaminated with dangerous substances or preparations, have the same treatment of products.

Recommended cleansing agents:

Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN-Number:

ADR, IMDG, IATA:	Void

14.2 UN proper shipping name:

ADR:	Void
IMDG, IATA:	N.A.

14.3 Transport hazard class(es):

ADR:	
Class:	Void.
Label:	Void.
IMDG, IATA:	
Class:	N.A.
Label:	N.A.

14.4 Packing group:

ADR, IMDG, IATA:	Void.

14.5 Environmental hazards:

Marine pollutant:	No

14.6 Special precautions for user:	Not applicable.
Danger code (Kemler)	-
EMS-number:	-
Segregation groups:	-

14.7 Transport in bulk according to Annex II of:

MARPOL and the IBC-code:	Not applicable.

Transport/Additional information:

UN “Model Regulation”:	Void.

SECTION 15: Regulatory information

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

Directive 2012/18/EU:
Named dangerous substances - ANNEX I: Substance is not listed.

Information about limitation of use: -
Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

15.2 Chemical safety assessment: A chemical safety assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relatoinship.

Abbreviations and acronyms:

ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
DNEL:	Derived No-Effect Level (REACH)
PNEC:	Predicted No-Effect Concentration (REACH)
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
PBT:	Persistent, Bioaccumulative and Toxic
vPvB:	very Persistent and very Bioaccumulative

Sources:
Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006, REACH, in the latest valid version.
Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008, CLP, in the latest valid version.
Globally Harmonized System, GHS
ADR2017