

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

Useable for:

BA E-1900 5-HIAA ELISA

Single components with dangerous ingredients:

REF: BA E-0080 Stop Solution STOP-SOLN

REF: BA E-1937 Methylation Buffer METHYL-BUFF

REF: BA E-1939 Methylation Reagent METHYL-REAG

Not listed single components contain no hazardous substances in concentrations to be declared, a labelling is not required.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

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

1.1 Product identifier

Trade name: Stop Solution STOP-SOLN
Article number: **BA E-0080**

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

Identified uses:

laboratory reagent / Immunoassay
The product is intended for professional use.

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier:

LDN Labor Diagnostika Nord GmbH & Co. KG
Am Eichenhain 1
48531 Nordhorn, Germany
Phone +49 5921 8197 200
Fax +49 5921 8197 201
E-Mail support@ldn.de

1.4 Emergency telephone number

+49 5921 8197 200

2 Hazards identification

2.1 Classification of the substance or mixture

REGULATION (EC) No 1272/2008
Corrosive to metals, Category 1, H290
Skin corrosive, Category 1A, H314

2.2 Label elements

REGULATION (EC) No 1272/2008
Hazard pictograms:



Signal word:

Warning

Hazard statements:

H290 May be corrosive to metals.

Precautionary statements:

P234 Keep only in original packaging.
P390 Absorb spillage to prevent material damage.

2.3 Other hazards

None known.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

3 Composition / information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Composition / information on ingredients

CAS: 7664-93-9 sulphuric acid $\geq 1\% - < 5\%$
H290; H314

Additional information

For the full text of the H-Statements mentioned in this section, see section 16.

4 First aid measures

4.1 First aid measures

After inhalation: fresh air, consult doctor in case of complaints.

After skin contact: wash off with plenty of water. Remove contaminated clothing.

After eye contact: rinse out with plenty of water with the eyelid held wide open. Call in ophthalmologist if necessary.

After swallowing: drink water (two glasses at most). Consult doctor if feeling unwell.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:

For this substance / mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

Not combustible.

Ambient fire may liberate hazardous vapours.

5.3 Advice for firefighters

Special protective equipment for firefighters:

In the event of fire, wear self-contained breathing apparatus.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Do not breathe vapours, aerosols. Evacuate the danger area, observe emergency procedures, consult an expert.

Advice for emergency responders: Protective equipment see section 8.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

6.2 Environmental precautions

No special precautionary measures necessary.

6.3 Methods and materials for containment and cleaning up

Observe possible material restrictions! Take up with liquid-absorbent and neutralising material. Dispose of properly. Clean up affected area.

6.4 Reference to other sections

Indications about possible material restrictions see sections 7 and 10 and about waste treatment see section 13.

7 Handling and storage

7.1 Precautions for safe handling

Advice on safe handling:

Observe label precautions.

Hygiene measures:

Change contaminated clothing. Wash hands after working with substance.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:

Tightly closed and dry.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 Exposure controls / personal protection

8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Engineering measures:

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

See section 7.1.

Individual protection measures:

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately. Avoid contact with the eyes and skin.

Respiratory protection:

In case of good room ventilation, not necessary.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:

Protective gloves.

Material of gloves:

Chemical protection gloves are to be selected according to the concentration and quantity of the hazardous substance concentration and quantity in workplace.



Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

The glove material has to be impermeable and resistant to the product / the substance / the preparation.

The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374.

Eye protection:

Tightly sealed goggles



Body protection:

lab coat

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	liquid
Colour	colourless
Odour	odourless
Odour Threshold	Not applicable
pH	ca. 1.0 at 20 °C
Melting point	No information available
Boiling point/boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Lower explosion limit	No information available
Upper explosion limit	No information available
Vapour pressure	No information available
Relative vapour density	No information available
Density	ca. 1.02 g/cm ³ at 20 °C
Relative density	No information available
Water solubility	at 20 °C soluble
Partition coefficient: n-octanol/water	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity, dynamic	No information available
Explosive properties	Not classified as explosive
Oxidizing properties	none

9.2 Other data

Corrosion: May be corrosive to metals.

10 Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

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

No dangerous decomposition products known.

11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No information available.

Skin corrosion/irritation

causes skin irritation

Serious eye damage/irritation

causes eye irritation

Respiratory or skin sensitisation

No sensitizing effects known.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Reproductive toxicity

No information available.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

No information available.

11.2 Additional information

On the basis of the morphology of the product, no hazardous properties are to be expected when it is handled and used with appropriate care.

Handle in accordance with good industrial hygiene and safety practice.

12 Ecological information

12.1 Toxicity

No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

Substance(s) in the mixture do(es) not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII, or a PBT/vPvB assessment was not conducted.

12.6 Other adverse effects

No further relevant information available.

13 Disposal considerations

13.1 Waste treatment methods

Dispose of packaging according to applicable local, state, and federal regulations. Packaging's that may not be cleansed are to be disposed of in the same manner as the product.

14 Transport information

This product is part of a kit. Information in this section refers to the kit as a whole.

14.1 UN No.

3264

14.2 UN Proper shipping name

CORROSIVE LIQUID, ACIDIC, INORGANICS, N.O.S.

14.3 Class

8

14.4 Packing group

III

14.5 Environmental hazards

None.

14.6 Special precautions for user

None.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

15 Regulatory information

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

EU regulations

Major Accident Hazard: SEVESO III

Not applicable

Employment restrictions:

Observe employment restrictions in accordance with the youth employment protection regulations (94/33/EC).

Substances of very high concern (SVHC):

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH).

National legislation

Water hazard class:

not water hazardous

Storage class:

8B

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

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 relationship.

Relevant phrases:

H290

May be corrosive to metals.

H314

Causes severe skin burns and eye damage.

Department issuing SDS:

Safety Representative

Contact:

LDN

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

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

1.1 Product identifier

Trade name: Methylation Buffer METHYL-BUFF
Article number: **BA E-1937**

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

Identified uses:

laboratory reagent / Immunoassay
The product is intended for professional use.

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier:

LDN Labor Diagnostika Nord GmbH & Co. KG
Am Eichenhain 1
48531 Nordhorn, Germany
Phone +49 5921 8197 200
Fax +49 5921 8197 201
E-Mail support@ldn.de

1.4 Emergency telephone number

+49 5921 8197 200

2 Hazards identification

2.1 Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Flammable liquid, Category 2, H22
Acute toxicity, Category 3, Oral, H301
Acute toxicity, Category 3, Inhalation, H331
Acute toxicity, Category 3, Dermal, H311
Specific target organ toxicity-single exposure, Category 1, Eyes, H370

2.2 Label elements

REGULATION (EC) No 1272/2008

Hazard pictograms:



Signal word:

Danger

Hazard statements:

H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled
H370 Causes damage to organs (eyes).
H360D May damage fertility or the unborn child.
H225 Highly flammable liquid and vapour.
H312 + H332 Harmful in contact with skin or if inhaled.
H319 Causes serious eye irritation.

Precautionary statements:

P201 Obtain special instructions before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

P280	Wear protective gloves/ protective clothing.
P302 + P352	IF ON SKIN: Wash with plenty of water/soap.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P308 + P313	If exposed: Call a POISON CENTER or doctor/physician.

2.3 Other hazards

None known.

3 Composition / information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Composition / information on ingredients

CAS: 68-12-2 N,N-Dimethylformamide 50 %
H226; H332; H312; H319; H360D

CAS: 67-56-1 Methanol 50 %
H225; H301 + H311 + H331; H370

Additional information:

For the full text of the H-Statements mentioned in this section, see section 16.

4 First aid measures

4.1 First aid measures

After inhalation: fresh air, consult doctor in case of complaints.

After skin contact: wash off with plenty of water. Remove contaminated clothing.

After eye contact: rinse out with plenty of water with the eyelid held wide open. Call in ophthalmologist if necessary.

After swallowing: Consult doctor if feeling unwell.

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.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Foam, carbon dioxide (CO₂), dry powder, water

Unsuitable extinguishing media:

For this substance / mixture no limitations of extinguishing agents are given.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

5.2 Special hazards arising from the substance or mixture

Combustible. In the event of fire, wear self-contained breathing apparatus.

5.3 Advice for firefighters

Special protective equipment for firefighters:

In the event of fire, wear self-contained breathing apparatus.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Do not breathe vapours, aerosols. Evacuate the danger area, observe emergency procedures, consult an expert.

Advice for emergency responders: Protective equipment see section 8.

6.2 Environmental precautions

No special precautionary measures necessary.

6.3 Methods and materials for containment and cleaning up

Observe possible material restrictions! Take up with liquid-absorbent and neutralising material. Dispose of properly. Clean up affected area.

6.4 Reference to other sections

Indications about possible material restrictions see sections 7 and 10 and about waste treatment see section 13.

7 Handling and storage

7.1 Precautions for safe handling

Advice on safe handling:

Work under hood. Do not inhale substance / mixture.

Avoid generation of vapours / aerosols.

Observe label precautions.

Hygiene measures:

Change contaminated clothing. Wash hands after working with substance.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:

Tightly closed and dry.

Keep away from open flames, hot surfaces and sources of ignition.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 Exposure controls / personal protection

8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

8.2 Exposure controls

Engineering measures:

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

See section 7.1.

Individual protection measures:

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately. Avoid contact with the eyes and skin.

Respiratory protection:

In case of good room ventilation, not necessary.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:

Protective gloves.

Material of gloves:

Chemical protection gloves are to be selected according to the concentration and quantity of the hazardous substance concentration and quantity in workplace.

The glove material has to be impermeable and resistant to the product / the substance / the preparation.

The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374.

Eye protection:

Tightly sealed goggles

Body protection:

lab coat



9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	liquid
Colour	colourless
Odour	alcoholic
Odour Threshold	Not applicable
pH	ca. 7.0 at 20 °C
Melting point	No information available
Boiling point/boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Lower explosion limit	No information available
Upper explosion limit	No information available
Vapour pressure	No information available
Relative vapour density	No information available
Density	No information available
Relative density	No information available
Water solubility	at 20 °C soluble
Partition coefficient: n-octanol/water	No information available

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity, dynamic	No information available
Explosive properties	Not classified as explosive
Oxidizing properties	none

9.2 Other data

No other data available.

10 Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

10.3 Possibility of hazardous reactions

Combustible with strong heating.

10.4 Conditions to avoid

Warming.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No dangerous decomposition products known.

11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No information available.

Skin corrosion/irritation

No irritant effect known.

Serious eye damage/irritation

slight irritation

Respiratory or skin sensitisation

No sensitizing effects known.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Reproductive toxicity

No information available.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

No information available.

11.2 Additional information

On the basis of the morphology of the product, no hazardous properties are to be expected when it is handled and used with appropriate care.

Handle in accordance with good industrial hygiene and safety practice.

12 Ecological information

12.1 Toxicity

No further relevant information available.

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.

12.5 Results of PBT and vPvB assessment

Substance(s) in the mixture do(es) not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII, or a PBT/vPvB assessment was not conducted.

12.6 Other adverse effects

Discharge into the environment must be avoided.

13 Disposal considerations

13.1 Waste treatment methods

Dispose of packaging according to applicable local, state, and federal regulations. Packaging's that may not be cleansed are to be disposed of in the same manner as the product.

14 Transport information

This product is part of a kit. Information in this section refers to the kit as a whole.

14.1 UN No.

No dangerous good in sense of this transport regulation.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

14.2 UN Proper shipping name

No dangerous good in sense of this transport regulation.

14.3 Class

No dangerous good in sense of this transport regulation.

14.4 Packing group

No dangerous good in sense of this transport regulation.

14.5 Environmental hazards

No.

14.6 Special precautions for user

No.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant.

15 Regulatory information

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

EU regulations

Major Accident Hazard: SEVESO III

Not applicable

Employment restrictions:

Observe employment restrictions in accordance with the youth employment protection regulations (94/33 / EC).

Substances of very high concern (SVHC):

This product does contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of ≥ 0.1 % (w/w).

Contains: N,N-dimethylformamide

National legislation

Water hazard class:

Water hazard class 2 (hazardous for water)

Storage class:

3

15.2 Chemical Safety Assessment:

For this product a chemical safety assessment was not carried out.

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 05

Revision: 18.06.2019

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 relationship.

Relevant phrases:

H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled.
H370	Causes damage to organs (eyes).
H360D	May damage fertility or the unborn child.
H225	Highly flammable liquid and vapour.
H312 + H332	Harmful in contact with skin or if inhaled.
H319	Causes serious eye irritation.

Department issuing SDS:

Safety Representative

Contact:

LDN

1 Identification of the substance / mixture and of the company / undertaking**1.1 Product identifier**

Trade name: Methylation Reagent METHYL-REAG
Article number: BA E-1939

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

laboratory reagent / Immunoassay
The product is intended for professional use.

1.3 Details of the supplier of the safety data sheet**Manufacturer / Supplier:**

LDN Labor Diagnostika Nord GmbH & Co. KG
Am Eichenhain 1
48531 Nordhorn, Germany
Phone +49 5921 8197 200
Fax +49 5921 8197 201
E-Mail support@ldn.de

1.4 Emergency telephone number

+49 5921 8197 200

2 Hazards identification**2.1 Classification of the substance or mixture****REGULATION (EC) No 1272/2008**

Flammable liquids, Category 2, H225
Acute toxicity, Oral, Category 4, H302
Acute toxicity, Inhalation, Category 1, H330
Carcinogenicity, Category 1B, H350
Specific target organ toxicity - single exposure, Category 1, H370
Specific target organ toxicity - single exposure, Category 3, Central nervous system, H336

2.2 Label elements**REGULATION (EC) No 1272/2008****Hazard pictograms:****Signal word:**

Danger

Hazard statements:

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H330	Fatal if inhaled.
H336	May cause drowsiness or dizziness.
H350	May cause cancer.
H370	Causes damage to organs.

Precautionary statements:

P201	Obtain special instructions before use.
------	---

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/ protective clothing.
P308 + P311	IF exposed or concerned: Call a POISON CENTER/doctor.
P370 + P378	In case of fire: Use dry powder or dry sand to extinguish.
P403 + P235	Store in a well - ventilated place. Keep cool.

2.3 Other hazards

None known.

3 Composition / information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Composition / information on ingredients

CAS: 60-29-7 Diethylether $\geq 70 - < 80 \%$

H225; H302; H336

CAS: 18107-18-1 (Trimethylsilyl)diazomethane $\geq 20 - < 30 \%$

H330; H350; H370

Additional information

For the full text of the H-Statements mentioned in this section, see section 16.

4 First aid measures

4.1 First aid measures

Consult a physician. Show this safety data sheet to the doctor in attendance.

After inhalation: Symptoms may be delayed for hours after exposure. If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

After skin contact: Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

After eye contact: Flush eyes with water as a precaution.

After swallowing: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Use water spray, alcohol - resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained breathing apparatus for firefighting if necessary.

6 Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Observe possible material restrictions! Take up with liquid-absorbent and neutralising material. Dispose of properly. Clean up affected area.

6.4 Reference to other sections

Indications about possible material restrictions see sections 7 and 10 and about waste treatment see section 13.

7 Handling and storage**7.1 Precautions for safe handling**

Advice on safe handling:

Work under hood. Do not inhale substance/mixture.

Avoid generation of vapours/aerosols.

Observe label precautions.

Hygiene measures:

Change contaminated clothing. Wash hands after working with substance.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:

Tightly closed and dry.

Keep away from open flames, hot surfaces and sources of ignition.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 Exposure controls / personal protection**8.1 Control parameters**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Engineering measures:

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

See section 7.1.

Individual protection measures:

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately. Avoid contact with the eyes and skin.

Respiratory protection:

In case of good room ventilation, not necessary.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:

Protective gloves.

Material of gloves:

Chemical protection gloves are to be selected according to the concentration and quantity of the hazardous substance concentration and quantity in workplace.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374.

Eye protection:

Tightly sealed goggles

Body protection:

lab coat



9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	liquid
Colour	slightly yellow
Odour	according to ether
Odour Threshold	Not applicable
pH	Not applicable
Melting point	No information available
Boiling point/boiling range	No information available
Flash point	- 35 °C - closed cup
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Lower explosion limit	No information available
Upper explosion limit	No information available
Vapour pressure	No information available
Relative vapour density	No information available
Density	No information available
Relative density	No information available
Water solubility	No information available
Partition coefficient: n-octanol/water	No information available

Auto-ignition temperature
Decomposition temperature
Viscosity, dynamic
Explosive properties
Oxidizing properties

No information available
No information available
No information available
No data available.
No data available.

9.2 Other data

No other data available.

10 Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Oxidizing agents, strong acids.

10.6 Hazardous decomposition products

Trimethylsilyldiazomethane in alcoholic solvents under acidic or basic conditions can lead to the formation of diazomethane.

Hazardous decomposition products formed under fire conditions.

Carbon oxides, Nitrogen oxides (NO_x), silicon oxides

In the event of fire: see section 5.

11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity

LC50 inhal – rat – 1 h - <= 10 ppm

LD50 skin – rat - > 2.000 mg/kg

Skin corrosion/irritation

No information available.

Serious eye damage/irritation

No information available.

Respiratory or skin sensitisation

No sensitizing effects known.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Reproductive toxicity

No information available.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

No information available.

11.2 Additional information

On the basis of the morphology of the product, no hazardous properties are to be expected when it is handled and used with appropriate care.

Handle in accordance with good industrial hygiene and safety practice.

12 Ecological information

12.1 Toxicity

No further relevant information available.

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.

12.5 Results of PBT and vPvB assessment

Substance(s) in the mixture do(es) not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII, or a PBT/vPvB assessment was not conducted.

12.6 Other adverse effects

Discharge into the environment must be avoided.

13 Disposal considerations

13.1 Waste treatment methods

Dispose of packaging according to applicable local, state, and federal regulations. Packaging's that may not be cleansed are to be disposed of in the same manner as the product.

14 Transport information

This product is part of a kit. Information in this section refers to the kit as a whole.

14.1 UN No.

No dangerous good in sense of this transport regulation.

14.2 UN Proper shipping name

No dangerous good in sense of this transport regulation.

14.3 Class

No dangerous good in sense of this transport regulation.

14.4 Packing group

No dangerous good in sense of this transport regulation.

14.5 Environmental hazards

No.

14.6 Special precautions for user

No.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

15 Regulatory information

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

EU regulations

Major Accident Hazard: SEVESO III

Not applicable

Employment restrictions:

Observe employment restrictions in accordance with the youth employment protection regulations (94/33/EC).

Substances of very high concern (SVHC):

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH).

National legislation

Water hazard class:

WGK 3 (highly water hazardous)

Storage class:

3

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

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 relationship.

Relevant phrases:

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H330	Fatal if inhaled.
H336	May cause drowsiness or dizziness.
H350	May cause cancer.
H370	Causes damage to organs.

Department issuing SDS:

Safety Representative

Contact:

LDN