

SAFETY DATA SHEET

AGS 560

Last changed: 16/12/2010

Replaces date: 23/09/2009

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

TRADE NAME AGS 560
APPLICATION AREA Graffiti Remover

Vendor art. number
3653

NATIONAL MANUFACTURER/IMPORTER

Enterprise Trion Tensid AB
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Postal code SE-754 50 Uppsala
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CONTACT PERSONS

| Name | E-mail | Telephone | Country |
|--------------------|-----------------------------|-----------|---------|
| William Stomilovic | william.stomilovic@trion.se | | |

| Emergency Phone | Type of assistance | Opening Hours |
|------------------|--------------------|---------------|
| +46 70 60 462 94 | William Stomilovic | |

2. HAZARDS IDENTIFICATION

HEALTH

R36 Irritating to eyes.

FIRE AND EXPLOSION

Not flammable, but combustible.

ENVIRONMENT

Readily biodegradable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient name | Reg.No | EC No. | CAS No. | Conc. (wt%) | Classification |
|--|--------|-----------|------------|-------------|----------------|
| 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether | | 203-961-6 | 112-34-5 | 10 - 30 % | Xi,R36 |
| 1-metoxi-2-propanol | | 203-539-1 | 107-98-2 | < 10 % | Xn,R10 - R67 |
| C 10 Alcohol ethoxylate | | | 68439-46-3 | 5 - 10 % | Xi,R38 - R41 |

Explanation of symbols: T+=highly toxic, T=toxic, C=corrosive, Xn=harmful, Xi=irritant E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, Cancer=Carcinogenic, Mut=Mutagenic, Rep=Toxic for reproduction, Conc.=Concentration

4. FIRST AID MEASURES

INHALATION

Fresh air.

SKIN CONTACT

Rinse the skin immediately with lots of water.

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EYE CONTACT

Rinse the eye with water immediately. Consult an eye specialist if the irritation persists.

INGESTION

Drink a few glasses of water or milk. Induce vomiting if a large amount has been ingested and the person is fully conscious.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished with carbon dioxide, powder, foam or water spray.

IMPROPER EXTINGUISHING MEDIA

Do not use water in a focused jet.

FIRE AND EXPLOSION HAZARDS

Not flammable, but combustible.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

Use supplied air respirator if substance is involved in a fire.

OTHER INFORMATION

Containers close to fire should be removed or cooled with water.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear necessary protective equipment. Observe normal care.

SAFETY ACTIONS TO PROTECT EXTERNAL ENVIRONMENT

Prevent discharge of larger quantity to drain. Bank in and collect.

METHODS FOR CLEANING UP

Minor spillage should be wiped away or flushed away with water.

7. HANDLING AND STORAGE

HANDLING ADVICE

Wear necessary protective equipment.

STORAGE

Keep container tightly closed in a cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROL

Workplace and work methods are designed to prevent direct contact.

RESPIRATORY PROTECTION

Use a respirator when handling large quantities. Respirator with A filter (brown) or breathing apparatus.

EYE PROTECTION

Use approved safety goggles or face shield.

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HAND PROTECTION

Wear suitable gloves. Protective gloves (butyl rubber, natural rubber, nitrile rubber).

PROTECTIVE CLOTHING

Use suitable protective clothing, as necessary.

OEL value

| Ingredient name | CAS no. | Range | ppm | mg/m ³ | Year | Notification |
|---------------------|----------|---------|-----|-------------------|------|--------------|
| 1-metoxi-2-propanol | 107-98-2 | 15 min. | 75 | 300 | 1990 | H |
| 1-metoxi-2-propanol | 107-98-2 | 8 h | 50 | 190 | 1990 | H |

R=Toxic for reproduction, H=Skin absorption, K=Carcinogenic, A=Sensitising, T=Upper limit, M=Mutagenic

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE Liquid of low viscosity.

COLOUR Tan.

ODOUR Odour of organic solvent.

SOLUBILITY Emulsable in water. Miscible with: Organic solvents.

WATER SOLUBILITY The product has limited solubility in water.

Physical and chemical parameters

| Parameter | Value/unit | Method/reference | Observation |
|---------------|--------------------------|------------------|-------------|
| Boiling point | > 200.00 °C | | |
| Flash point | > 61.00 °C | | |
| Density | 920.00 kg/m ³ | | |

10. STABILITY AND REACTIVITY

STABILITY

Stable under recommended storage and handling conditions.

HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXIC TEST RESULTS

| 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether | | | | |
|--|---------------|---------------|---------|--------|
| Route of exposure | Exposure time | Value/unit | Species | Source |
| LD50(Dermal) | | 2700.00 mg/kg | Rabbit | |
| LD50(Oral) | | 5660.00 mg/kg | Rat | |

| 1-metoxi-2-propanol | | | | |
|---------------------|---------------|----------------|---------|--------|
| Route of exposure | Exposure time | Value/unit | Species | Source |
| LD50(Dermal) | | 13000.00 mg/kg | Rabbit | |
| LD50(Oral) | | 5660.00 mg/kg | Rat | |

INHALATION

High contents may cause headache, dizziness, tiredness, muscular weakness and drowsiness.

SKIN CONTACT

Defats the skin.

EYE CONTACT

May cause irritation/smartering.

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INGESTION

Consumption of larger quantities can result in nausea, vomiting and stomach pains.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Low toxicity to aquatic organisms.

DEGRADABILITY

Readily biodegradable.

ACCUMULATION

Bioaccumulation improbable.

13. DISPOSAL CONSIDERATIONS

GENERAL REGULATIONS

Prevents major discharge into sewage systems, groundwater and surface water. Small amounts may be flushed with water to sewer. Larger volumes must be sent to approved plant for destruction. Emptied and cleaned packaging can be recycled or burnt.

CATEGORY OF WASTE

Suitable classification of waste is the responsibility of the user.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods: No

15. REGULATORY INFORMATION



Irritating

EC-Label: No

COMPOSITION

2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (10 - 30 %), 1-metoxi-2-propanol (< 10 %), C 10 Alcohol ethoxylate (5 - 10 %)

| R-PHRASES | |
|-----------|---------------------|
| R36 | Irritating to eyes. |

| S-PHRASES | |
|-----------|------------------------------------|
| S2 | Keep out of the reach of children. |
| S25 | Avoid contact with eyes. |
| S39 | Wear eye/face protection. |

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16. OTHER INFORMATION

VENDOR NOTES

Assessed on the basis of available data.

LIST OF RELEVANT R-PHRASES

| | |
|-----|---|
| R10 | Flammable. |
| R36 | Irritating to eyes. |
| R38 | Irritating to skin. |
| R41 | Risk of serious damage to eyes. |
| R67 | Vapours may cause drowsiness and dizziness. |

REVISION HISTORY

| Version | Rev. date | Responsible | Changes |
|---------|------------|-------------|---|
| 1.0.1 | 24/09/2009 | WS | New data base |
| 1.0.2 | 16/12/2010 | WS | Changes have been done in chapter 3 and 16. |