

SAFETY DATA SHEET

AGS 5

Last changed: 07/04/2010

Replaces date: 27/10/2009

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

TRADE NAME AGS 5
APPLICATION AREA Graffiti Remover

Vendor art. number

3626

NATIONAL MANUFACTURER/IMPORTER

Enterprise Trion Tensid AB
Address Svederusgatan 1-3
Postal code SE-754 50 Uppsala
Country Sweden
E-mail info@trion.se
Internet www.trion.se
Telephone +46 18 156190
Fax +46 18 696627

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

R22 Harmful if swallowed. R41 Risk of serious damage 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 |
|-----------------------|--------|-----------|-----------|-------------|----------------|
| 1-metoxi-2-propanol | | 203-539-1 | 107-98-2 | 10 - 30 % | R10 |
| Ethylpyrrolidon -2-0n | | 220-250-6 | 2687-91-4 | 10 - 30 % | Xn,R22 - 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

GENERAL

Consult a physician for specific advice. Bring the safety data sheet.

INHALATION

Fresh air and rest.

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SKIN CONTACT

Promptly flush contaminated skin with soap or mild detergent and water. Promptly remove clothing if penetrated and flush the skin with water.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Consult an eye specialist if the irritation persists.

INGESTION

Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Contact physician if larger quantity has been consumed.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguishing agent: carbon dioxide, powder or a wide water jet.

IMPROPER EXTINGUISHING MEDIA

Do not use a direct water jet.

EXTINGUISHING METHODS

Cool with a wide water jet. Cover over with dry sand.

FIRE AND EXPLOSION HAZARDS

Not flammable, but can sustain combustion. The product may ignite when heated to temperatures at or above the flash point.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

Avoid breathing fire vapours.

OTHER INFORMATION

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

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear necessary protective equipment.

SAFETY ACTIONS TO PROTECT EXTERNAL ENVIRONMENT

Prevent discharge of larger quantity to drain. Collect in a suitable container approved for the purpose. Bank in and collect.

METHODS FOR CLEANING UP

Absorb in inert material (vermiculite, dry sand or earth) and collect. Flush clean with lots of water. Be aware of potential for surfaces to become slippery.

OTHER INFORMATION

Only major emissions may represent a risk.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS

Keep away from sources of ignition. May attack some plastics, rubber and coatings.

HANDLING ADVICE

Avoid contact with the skin and eyes, and also contact with clothes. Store in original container to avoid contamination.

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STORAGE

Keep container tightly closed in a cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROL

Use suitable protective gloves and protective clothes if there is risk of direct contact or splashing.

RESPIRATORY PROTECTION

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator with A filter (brown).

EYE PROTECTION

Use approved safety goggles or face shield.

HAND PROTECTION

Use protective gloves that are resistant to chemicals. Protective gloves (butyl rubber, natural rubber, nitrile rubber).

PROTECTIVE CLOTHING

Use suitable protective clothing, as necessary.

OTHER INFORMATION

Isolate contaminated clothing and wash before reuse.

OEL value

| Ingredient name | CAS no. | Range | ppm | mg/m3 | 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.

COLOUR Weak yellowish.

ODOUR Weak odour of solvents.

SOLUBILITY Miscible with: Organic solvents. Miscible with water.

WATER SOLUBILITY 100%

FAT SOLUBILITY Not applicable.

Physical and chemical parameters

| Parameter | Value/unit | Method/reference | Observation |
|----------------|--------------------------|------------------|-------------|
| pH in solution | ~ 7.00 | | |
| Flash point | > 61.00 °C | | |
| Density | 970.00 kg/m ³ | | |

10. STABILITY AND REACTIVITY

STABILITY

Stable under recommended storage and handling conditions.

CONDITIONS TO AVOID

Keep away from sources of ignition.

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MATERIALS TO AVOID

Avoid contact with oxidisers or reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

GENERAL

Preparation has low toxicity, therefore risk of damage is limited in normal handling.

INHALATION

High concentrations may give rise to symptoms such as smarting, coughing, headache, nausea, dizziness and tiredness.

SKIN CONTACT

Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization in susceptible persons.

EYE CONTACT

May be highly irritating. Risk of serious permanent damage.

INGESTION

Ingestion may cause nausea, vomiting, diarrhoea and respiratory difficulties.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Low toxicity to aquatic organisms.

DEGRADABILITY

Readily biodegradable.

ACCUMULATION

Bioaccumulation improbable.

OTHER INFORMATION

The assessment is based on the properties of the components.

13. DISPOSAL CONSIDERATIONS

GENERAL REGULATIONS

After dilution with water, small quantities are permitted to go to a water purification plant. Do not try to refill or clean the packaging. Emptied and cleaned packaging can be recycled or burnt.

CATEGORY OF WASTE

Suitable classification of waste is the responsibility of the user. Empty packages must be handled in an environmentally-correct manner as per the applicable laws and regulations.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods: No

15. REGULATORY INFORMATION

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Harmful

EC-Label: No

COMPOSITION

1-metoxi-2-propanol (10 - 30 %), Ethylpyrrolidon -2-On (10 - 30 %)

R-PHRASES

R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.

S-PHRASES

S7 Keep container tightly closed.
S24/25 Avoid contact with skin and eyes.
S37/39 Wear suitable gloves and eye/face protection.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S38 In case of insufficient ventilation, wear suitable respiratory equipment.

16. OTHER INFORMATION

VENDOR NOTES

Assessed on the basis of available data.

LIST OF RELEVANT R-PHRASES

R10 Flammable.
R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.

REVISION HISTORY

| Version | Rev. date | Responsible | Changes |
|---------|------------|-------------|-----------------------------------|
| 1.0.1 | 27/10/2009 | WS | New database |
| 1.0.2 | 07/04/2010 | WS | NMP has been changed with NEP (3) |