

MATERIAL SAFETY DATA SHEET

MSDS

Last changed: 2008-03-06

Internal no.:

Replaces date: 2006-04-21

AGS 5 SR Graffiti-shadow remover

1. PRODUCT AND COMPANY



TRADE NAME	AGS 5 SR
GROUP NAME	AGS
ART-NO	3627
Producer/Importer	TRION TENSID AB
Address	Svederusgatan 1-3
Zipcode & City	754 50 UPPSALA, SWEDEN
Telephone	+46 18 15 61 90
Fax	+46 18 69 66 27
Contact person	William Stomilovic
Responsible	Robert Ferm
Issued by	William Stomilovic

2. COMPOSITION OF PRODUCT



No	Ingredients name	CAS-NO	Conc.(weight%)	Rest-list	Classification
1	n-methyl-2-pyrrolidone	872-50-4	10-30%		Xi,36/38
2	Mixture of aliphatic, naphthenic and aromatic hydrocarbons		10-30%		Xn, 65
3	2-Butoxiethanole	111-76-2	10-30%		Xn, 20/21/22, 36/38
4	Potassium hydroxide	1310-58-3	<2%		C 35
Legend	T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, IK=No classification required, E=Explosive, O=Oxidising, F+=Extremely flammable, F=Very flammable, Fo=Flammable, N=Dang. to the environment, Mut=Genotoxic, Sens=Sensitizing, Carc=Cancerogen, Repr=Causes birth defects				

INGREDIENT COMMENTS

Other components which do not contribute to the classification of the product.

3. HAZARD IDENTIFICATION



Harmful: may cause lung damage if swallowed.

4. FIRST AID



GENERAL

Contact a physician if necessary and show this safety data sheet.

INHALATION

Provide fresh air, keep the patient warm and at rest.

SKIN CONTACT

Wash with water and soap as a precaution.

EYE CONTACT

Flush immediately with a soft jet of lukewarm water, also under the eyelids. Get medical advice if irritation persists.

INGESTION

Give 1-2 glasses of water or preferably milk to drink. DO NOT INDUCE VOMITING! Get medical advice immediately.

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5. FIRE FIGHTING MEASURES

PROPER FIRE FIGHTING EQUIPMENT

CO₂, dry chemical, water fog.

IMPROPER FIRE FIGHTING EQUIPMENT

Do not use water jet.

FIRE AND EXPLOSION HAZARDS

May ignite if heated over flash point.

PERSONAL PROTECTION WHEN FIRE FIGHTING

Appropriate respiratory protection is necessary.

OTHER INFORMATION

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

6. ACCIDENTAL RELEASE MEASURES

SAFETY MEASUREMENTS TO PROTECT PERSONS

Use personal protective equipment.

SAFETY MEASUREMENTS TO PROTECT ENVIRONMENT

Prevent product from entering drains. The preparation/substance will dissolve in water.

PROPER METHODS FOR DAMAGE LIMITATION AND CLEAN UP

If liquid has been spilled in large quantities clean up promptly by scoop or vacuum. Finish treatment of area with water.

7. HANDLING AND STORAGE

HANDLING

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

HANDLING ADVICE

Arrange working conditions to avoid prolonged contact.

STORAGE

Keep container tightly closed. Isolate from sources of heat, sparks and open flame.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Ingredients name	CAS-no	TLV value	TLV Year
n-methyl-2-pyrrolidone	872-50-4	25 ppm	2002

EXPOSURE CONTROL

Wear safety goggles, protective gloves and protective clothing if there is any risk of direct contact or splashes.

RESP. PROTECTION

Use respiratory protection when handling the product in confined areas. Gas cartridge A (organic substances, brown).

EYE PROTECTION

Wear approved goggles.

HAND PROTECTION

Use protective gloves if there is a possibility of direct contact or splashes. Suitable glove material: Butyl rubber. Natural rubber (latex).

SKIN PROTECTION

Wear suitable protective clothing

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9. PHYSICAL AND CHEMICAL PROPERTIES



Form	Liquid.		
Colour	Brownish yellow.		
Odour	Solvent.		
Solubility			
Melting point/range	-55°C	Density	950 kg/m ³
Expl. limit LEL-UEL, %--%:		Solubility in water	100%
Vapour pressure		Saturation conc.	
Decomposition temp.		Rel. density sat. air (air=1)	
pH Solution	13	Boiling point/range	
Flash point	>90°C	pH concentrate	
Molecular weight		Viscosity	
Ignition temp		Smelling limits lo-hi	
Rel. vapour density (air=1)		Rel. evap. velocity	
Air reactive		Water reactive	

10. STABILITY AND REACTIVITY



STABILITY

No particular stability concerns.

MATERIALS TO AVOID

Avoid contact with strong acids

OTHER INFORMATION

Combustible.

11. TOXICOLOGICAL INFORMATION



GENERAL

There is little health hazard associated with the normal use of this product.

INHALATION

Inhalation of high vapour concentrations may cause symptoms such as headache, dizziness, fatigue, nausea and vomiting.

SKIN CONTACT

Defatting, drying and cracking of skin.

EYE CONTACT

Splashes in the eyes will cause severe irritation.

INGESTION

Ingestion may cause chemical lung damage, burning pain in mouth and internal organs.

12. ECOLOGICAL INFORMATION



MOBILITY

Dissolves in water.

BREAKDOWN

Expected to be biodegradable.

ACCUMULATION

Does not bioaccumulate significantly.

ECOTOXITY

Low toxicity for water organisms.

OTHER INFORMATION

Information given is based on component data and the ecotoxicology of similar products.

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13. DISPOSAL



Comply with all local and national regulations. Larger quantities of spills/residues should be delivered to approved waste recipient or to recycling if such facilities exist. Collect small quantities and destroy by incineration.

14. TRANSPORT INFORMATION



The product is **not** regarded as dangerous goods according to ADR and IMDG.

15. REGULATORY INFORMATION



Classification



COMPOSITION

N-methyl-2-pyrrolidone (10-30%), Mixture of aliphatic, naphtenic and aromatic hydrocarbon (10-30%), 2-Buthoxyethanol (10-30%), Potassium hydroxide (<2%).

R-PHRASES

.R-65 Harmful: may cause lung damage if swallowed.

S-PHRASES

S-7 Keep container tightly closed. S-16 Keep away from sources of ignition - No smoking. S-24/25 Avoid contact with skin and eyes. S-37/39 Wear suitable gloves and eye/face protection. S-38 In case of insufficient ventilation, wear suitable respiratory equipment.

16. OTHER INFORMATION



ISSUED: 2008-03-06

VENDOR NOTES

Information in this document is to be made available for all that handle the product. Information in this safety data sheet is based on our present knowledge, and is intended to be a description of the health and safety aspects of the product. Information is based on our present knowledge and is therefore not a guarantee of specific properties.

Explanations to risk phrases in chapter 2.

R36/38 Irritating to eyes and skin.
R 65 Harmful: may cause lung damage if swallowed.
R 35 Causes severe burns.
R 20/21/22 Harmful by inhalation, skin contact and digestion.