

SAFETY DATA SHEET

ALCHEMY SHEETFED SILVER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME ALCHEMY SHEETFED SILVER
 PRODUCT NO. 46A0877
 APPLICATION Printing ink.
 SUPPLIER STEHLIN HOSTAG INK UK LTD
 UNIT D4 LINKMEL CLOSE
 QUEENS DRIVE INDUSTRIAL ESTATE
 NOTTINGHAM
 NG2 1NA
 Tel : 0115 9860477
 Fax : 0115 9862681

2 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No. | CAS-No. | Content | Classification |
|---|-----------|------------|---------|----------------|
| Aluminium | 231-072-3 | 7429-90-5 | <30% | F;R15. R10. |
| Distillates (petroleum), solvent-refined middle | 265-093-4 | 64741-91-9 | <25% | Xn;R65. R66. |

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

Mixture of sustances listed above with non hazardous additions

3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

ENVIRONMENT

The product does not need to be labelled according to calculation procedures of the "General Classification guideline for preparations of the EU" in the latest valid version.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

Get medical attention if any discomfort continues.

SKIN CONTACT

The product is not skin irritating Wash the skin immediately with soap and water.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials. Extinguish with dry sand. Powder. Do not use water as an extinguisher.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

For personal protection, see section 8. Do not smoke, use naked flames or other sources of ignition.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses.

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SPILL CLEAN UP METHODS

Dam and absorb spillage with sand, sawdust or other absorbent.

7 HANDLING AND STORAGE

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. No smoking Keep away from heat, sparks and open flame. Avoid contact with oxidising agents. Prevent from drying out
Protect from humidity and water

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name | Std | LT - ppm | LT - mg/m3 | ST - ppm | ST - mg/m3 |
|-----------|-----|----------|------------|----------|------------|
| Aluminium | | | | | 5 mg/m3 |

RESPIRATORY EQUIPMENT

Wear suitable respiratory protection.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

EYE PROTECTION

Wear approved safety goggles.

HYGIENE MEASURES

Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet.

SKIN PROTECTION

Protective clothing should be worn.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------|--------------------|------------------|----------------|
| APPEARANCE | Fluid | | |
| COLOUR | Silver | | |
| ODOUR | Characteristic | | |
| SOLUBILITY | Insoluble in water | | |
| BOILING POINT (°C) | >240 | RELATIVE DENSITY | 1.6 - 1.7 @20c |
| VISCOSITY | 10-15 | VISCOSITY | Pas |
| FLASH POINT (°C) | 101 | | |

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid contact with strong oxidisers.

HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

11 TOXICOLOGICAL INFORMATION

SKIN CONTACT

Skin irritation is not anticipated when used normally. Not a skin sensitiser.

EYE CONTACT

No specific health warnings noted.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Do not allow undiluted product or large quantities of it to reach ground water, water courses, or sewage system.

WATER HAZARD CLASSIFICATION

1 (Self assessment) Slightly hazardous for water

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13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.

WASTE CLASS

08 03 12 waste ink containing hazardous substances

14 TRANSPORT INFORMATION

| | |
|------------------|---|
| GENERAL | The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). |
| MARINE POLLUTANT | No. |

15 REGULATORY INFORMATION

| | | |
|----------------|---|---|
| CONTAINS | Cobalt Carboxylate. May produce an allergic reaction. | |
| RISK PHRASES | NC | Not classified. |
| SAFETY PHRASES | P13 | Safety data sheet available for professional user on request. |

16 OTHER INFORMATION

ISSUED BY

Paul R Hayden

REVISION DATE

01/09/04

SDS NO.

4/001 Silver

RISK PHRASES IN FULL

| | |
|-----|---|
| R10 | Flammable. |
| R15 | Contact with water liberates extremely flammable gases. |
| R65 | Harmful: may cause lung damage if swallowed. |
| R66 | Repeated exposure may cause skin dryness or cracking. |

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.