



# ASTRAL SAFETY DATA SHEET

## ASTRAL GLAZE

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

**PRODUCT NAME:** ASTRAL GLAZE  
**PART No.:**  
**SUPPLIER:** Astral Chemical Solutions Ltd  
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REVISION DATE: May 06

**EMERGENCY TELEPHONES**

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**NOTE: TO BE USED FOR CHEMICAL EMERGENCIES ONLY!!!**

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	EC No.	CAS No.	CONTENTS	CLASSIFICATION
ODOURLESS MINERAL SPIRITS The Full Text for all R-Phrases are Displayed in Section 16	265-150-3	64742-48-9	95-100 %	Xn;R65. R10.

### 3. HAZARDS IDENTIFICATION

**Flammable. Harmful:** may cause lung damage if swallowed.  
**CLASSIFICATION Xn;** R65. R10.  
**ENVIRONMENT** The product is not expected to be hazardous to the environment.  
**HUMAN HEALTH** When working extensively on big surfaces in small and badly ventilated rooms, vapours may develop in concentrations which may cause malaise such as headache, dizziness, nausea and irritation of the respiratory system. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Prolonged skin contact may cause temporary irritation. May irritate eyes.

### 4. FIRST AID MEASURES

#### GENERAL INFORMATION

**INHALATION** NOTE! Keep affected person away from heat, sparks and flames!  
Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.  
**INGESTION** DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.  
**SKIN CONTACT** Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.  
**EYE CONTACT** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA** Extinguish with foam, carbon dioxide, dry powder or water fog.  
**SPECIAL FIRE FIGHTING PROCEDURES**  
NOTE! Use air-supplied respirators to protect against gases/fumes.  
**UNUSUAL FIRE & EXPLOSION HAZARDS**  
Vapours are heavier than air and may spread near ground to sources of ignition.  
**SPECIFIC HAZARDS** Vapours/gases/fumes of: Hydrogen fluoride (HF). By fire, toxic gases may be formed (COx, NOx).  
**PROTECTIVE MEASURES IN FIRE**  
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

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## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS** Do not breathe vapour. Wear protective clothing as described in Section 8 of this safety data sheet.

**ENVIRONMENTAL PRECAUTIONS**

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

**SPILL CLEAN UP METHODS**

Wash thoroughly after dealing with a spillage. Absorb in vermiculite, dry sand or earth and place into containers. Runoff or release to sewer, waterway or ground is forbidden.

## 7. HANDLING AND STORAGE

**USAGE PRECAUTIONS** Avoid spilling, skin and eye contact. Do not eat, drink or smoke when using the product.

Observe good industrial hygiene practices.

**STORAGE PRECAUTIONS** Store in tightly closed original container in a cool, dry well-ventilated place.

Keep away from heat, sparks and open flame.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

NAME	STD	LT - ppm	LT - mg/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
ODOURLESS MINERAL SPIRITS	OES		1200 mg/m <sup>3</sup>		

**INGREDIENT COMMENTS** WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT:**



**ENGINEERING MEASURES** Provide adequate general and local exhaust ventilation.

**RESPIRATORY EQUIPMENT**

Respiratory protection may be required. Check that mask fits tight and change filter regularly.

**HAND PROTECTION** Chemical resistant gloves required for prolonged or repeated contact. Neoprene gloves are recommended.

**EYE PROTECTION** Wear approved chemical safety goggles where eye exposure is reasonably probable.

**OTHER PROTECTION** Wear appropriate clothing to prevent any possibility of skin contact.

**HYGIENE MEASURES** Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.  
DO NOT SMOKE IN WORK AREA!

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Liquid	<b>COLOUR:</b>	Amber
<b>ODOUR/TASTE:</b>	Slight odour of solvents		
<b>SOLUBILITY DESCRIPTION:</b>	Insoluble in water	<b>SPECIFIC GRAVITY (Water=1):</b>	
<b>PHYSICAL DATA COMMENTS</b>	Flow time less than 30 sec in a 3 mm ISO cup (EN 2431)	<b>RELATIVE DENSITY</b>	0.789 20
<b>BOILING POINT (°C)</b>	183 760 mm Hg	<b>pH-VALUE, CONC. SOLUTION</b>	N/A
<b>VOLATILE BY VOL. (%)</b>	95	<b>AUTO IGNITION</b>	350
<b>FLASH POINT (°C)</b>	54 TCC (Tag closed cup).	<b>TEMPERATURE (°C)</b>	
<b>FLAMMABILITY LIMIT - LOWER(%)</b>	1.3	<b>FLAMMABILITY LIMIT - UPPER(%)</b>	9.8

## 10. STABILITY AND REACTIVITY

**STABILITY** Stable under normal temperature conditions.

**CONDITIONS TO AVOID** Avoid contact with acids and oxidising substances.

Avoid excessive heat for prolonged periods of time.

**HAZARDOUS POLYMERISATION** Will not polymerise.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Sulphurous gases (SO<sub>x</sub>). Hydrogen fluoride (HF).

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## 11. TOXICOLOGICAL INFORMATION

<b>INHALATION</b>	Vapour from this chemical can be hazardous when inhaled.
<b>INGESTION</b>	Swallowing concentrated chemical may cause severe internal injury.
<b>SKIN CONTACT</b>	Irritating to skin.
<b>EYE CONTACT</b>	Irritating to eyes.
<b>HEALTH WARNINGS</b>	This substance is a moderate irritant. EYE CONTACT. Irritating to eyes. SKIN CONTACT. Irritating to skin. INGESTION. May cause discomfort. INHALATION. Vapour from this chemical can be hazardous when inhaled.
<b>ROUTE OF ENTRY</b>	Inhalation. Ingestion. Skin and/or eye contact.
<b>MEDICAL SYMPTOMS</b>	Irritation of eyes and mucous membranes. Skin irritation.

## 12. ECOLOGICAL INFORMATION

### ECOTOXICITY

Not known.

Name	ODOURLESS MINERAL SPIRITS
Ecotoxicity	Low acute toxicity to aquatic organisms.
Mobility	The product has poor water-solubility.
Degradability	Inherently biodegradable.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS** Dispose of waste and residues in accordance with local authority requirements.

## 14. TRANSPORT INFORMATION



UK ROAD CLASS	3	UK ROAD PACK GR.	III
PROPER SHIPPING NAME	PETROLEUM DISTILLATES NOS (ALKYLATE)	ADR CLASS	Class 3: Flammable liquids.
UN NO. ROAD	1268	HAZARD NO. (ADR)	30 Flammable liquid
ADR CLASS NO.	3		(flash-point between 23°C and 61°C, inclusive) or flammable liquid or solid in the molten state with a flash-point above 61°C, heated to a temperature equal to or above its flash-point, or self heating liquid.
ADR PACK GROUP	III		
ADR LABEL NO.	3	HAZCHEM CODE	3W
CEFIC TEC(R) NO.	30G35	UN NO. SEA	1268
IMDG CLASS	3	IMDG PACK GR.	III
EMS	3.07	MFAG	310
MARINE POLLUTANT	No.	UN NO. AIR	1268
AIR CLASS	3	AIR SUB CLASS	N/A
AIR PACK GR.	III		

# ASTRAL GLAZE

## 15. REGULATORY INFORMATION

### LABEL FOR SUPPLY:



#### Harmful

<b>CONTAINS</b>	ODOURLESS MINERAL SPIRITS
<b>RISK PHRASES</b>	R10 Flammable. R65 Harmful: may cause lung damage if swallowed.
<b>SAFETY PHRASES</b>	S2 Keep out of the reach of children S46 If swallowed, seek medical advice immediately and show this container or label.
<b>UK REGULATORY REFERENCES</b>	The Control of Substances Hazardous to Health Regulations 1988.
<b>EU DIRECTIVES</b>	System of specific information relating to Dangerous Preparations. 2001/58/EEC.
<b>APPROVED CODE OF PRACTICE</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply.
<b>GUIDANCE NOTES</b>	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

## 16. OTHER INFORMATION

### INFORMATION SOURCES

Croner's: Dangerous Substances. Croner's: Emergency Spillage Guide.  
Croner's: Emergency First Aid Guide. Croner's: Substances Hazardous to Health.  
Material Safety Data Sheet, Misc. manufacturers.

### REVISION COMMENTS

This safety datasheet supercedes all issues before 01 Nov 05 Section 2 updated. Section 8 updated Section 9 updated Section 12 updated.

### REVISION DATE

May 06

### REV. NO./REPL. SDS GENERATED

1 - Original (Nov03)

### RISK PHRASES IN FULL

R10 Flammable.  
R65 Harmful: may cause lung damage if swallowed.

### DISCLAIMER

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