



ASTRAL SAFETY DATA SHEET

ASTRAL GLAZE

REVISION DATE: May 06

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME: ASTRAL GLAZE
PART No.:
SUPPLIER: Astral CSL
Foxdenton Lane
Middleton
Manchester
M24 1QR
01616430260

2. COMPOSITION/INFORMATION ON INGREDIENTS

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

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	NOTE! Keep affected person away from heat, sparks and flames!
INHALATION	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/m3	ST - ppm	ST - mg/m3
ODOURLESS MINERAL SPIRITS	OES		1200 mg/m3		

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

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

10. STABILITY AND REACTIVITY

STABILITY

CONDITIONS TO AVOID

Stable under normal temperature conditions.

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 (CO₂). Sulphurous gases (SO_x). Hydrogen fluoride (HF).

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11. TOXICOLOGICAL INFORMATION

INHALATION	Vapour from this chemical can be hazardous when inhaled.
INGESTION	Swallowing concentrated chemical may cause severe internal injury.
SKIN CONTACT	Irritating to skin.
EYE CONTACT	Irritating to eyes.
HEALTH WARNINGS	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.
ROUTE OF ENTRY	Inhalation. Ingestion. Skin and/or eye contact.
MEDICAL SYMPTOMS	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.
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14. TRANSPORT INFORMATION



UK ROAD CLASS	3		
PROPER SHIPPING NAME	PETROLEUM DISTILLATES NOS (ALK YLATE)		
UN NO. ROAD	1268	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	HAZARD NO. (A OR)	30 Flammable liquid (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 LABEL NO.	3	HAZCHEM CODE	3W
CEPIC 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		

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15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



Harmful

CONTAINS	ODOURLESS MINERAL SPIRITS	
RISK PHRASES	R10	Flammable.
	R65	Harmful: may cause lung damage if swallowed.
SAFETY PHRASES	S2	Keep out of the reach of children
	S46	If swallowed, seek medical advice immediately and show this container or label.
UK REGULATORY REFERENCES	The Control of Substances Hazardous to Health Regulations 1988.	
EU DIRECTIVES	System of specific information relating to Dangerous Preparations. 2001/58/EEC.	
APPROVED CODE OF PRACTICE	Classification and Labelling of Substances and Preparations Dangerous for Supply.	
GUIDANCE NOTES	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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