



ASTRAL SAFETY DATA SHEET

NUTLOCK T42

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME: Nutlock T42
PART No.: S020
SUPPLIER: Astral Chemical Solutions Ltd
P.O. Box 250
Whitefield
Manchester M45 8XQ
Tel: 0161 767 8219
Fax: 0161 796 2003

EMERGENCY TELEPHONES: 01274 822000 **NOTE! TO BE USED FOR CHEMICAL EMERGENCIES ONLY!!!**

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient	CAS No.	Weight %	Symbols	R Phrases
Dimethacrylate	109-16-0	<100		R43

3. HAZARDS IDENTIFICATION

May cause sensitisation by skin contact.

4. FIRST AID MEASURES

Inhalation	Remove patient to fresh air. Seek medical advice if condition does not improve.
Skin Contact	Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation persists.
Eye Contact	Flush with clean water for at least 15 minutes. Seek medical attention.
Ingestion	Do not induce vomiting. Drink plenty of water in small sips. Seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Medium	Dry powder, CO ² , Foam
Fire-Fighting Recommendations	CO, CO ² , and other harmful gases may be formed.
Special Exposure Hazards	Poisonous gases may be formed. Combustion products include CO, CO ² , possibility of phenol derivatives, phthalic nydride and others not determined.
Protective Equipment for Fire Fighters	Use self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection	Avoid contact with skin and eyes. Provide sufficient ventilation. For large amounts wear self contained Breathing apparatus and full protective clothing.
Environmental Precautions	Prevent contamination of soil, water and sewers.
Clean Up Method	Evacuate area. Mix with sand, soil and shovel into labelled sealable container for subsequent safe disposal.

NUTLOCK T42

7. HANDLING AND STORAGE

Use only in well ventilated areas. Keep container tightly closed and dry. Store between 5 and 25°C. Avoid proximity of flames and heat sources.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation	Good ventilation is required. Suction exhaust of vapours at source is recommended.
Respiratory Protection	In emergencies/confined spaces/high concentrations, use supplied air or self container breathing apparatus. Do not use masks/respiratory equipment in confined areas due to lack of oxygen.
Eye Protection	Safety goggles if risk of splashing
Hand Protection	Protective gloves, PVC, gauntlet type
Skin Protection	Overalls are recommended when large quantities of product are involved.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue Liquid	Flash Point	>150°C
Boiling Point	> 100°C	Relative Density	1.1 @ 25°C
Viscosity	900 mPas @ 20°C	Melting Point	< -10°C
Melting Point	< -10°C	Solubility in Water	Slightly Miscible

10. STABILITY AND REACTIVITY

Conditions to avoid	Exposure to high temperatures. Sunlight. Anaerobic atmosphere.
Materials to avoid	Polymerisation catalysts such as free radicals and their precursors, peroxides, radiations, strong bases, oxidants, mineral acids and transition metals.
Hazardous Decomposition Products	CO and CO ₂ . Possibility of phenol derivatives and other not determined.
Hazardous Polymerization	May occur. Conditions to void: Prolonged heating, catalysts, oxidising agents, acids, alkalis and peroxides.

11. TOXICOLOGICAL INFORMATION

Effect of Eye Contact	May cause slight irritation
Effect of Skin Contact	May cause slight irritation. May cause sensitisation by skin contact
Effect of Inhalation	May cause slight dizziness. Ensure adequate ventilation
Effect of Ingestion	Ingestion of massive quantities could cause gastro intestinal damage
Chronic Effects	Unknown

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

In accordance with Local Authority. Do not allow large quantities to enter the drains or water courses or dispose of where ground or surface waters may be affected. Wastes including emptied containers, are controlled wastes and should be disposed of in an accordance with regulations made under the Control of Pollution and Environmental Protection Acts.

NUTLOCK T42

14. TRANSPORT INFORMATION

Not regulated

15. REGULATORY INFORMATION

CPL Labelling	
Contains	Methacrylic Esters
Symbol	Xi
Hazard	
Safety Phrases	26, 28
Risk Phrases	43

16. OTHER INFORMATION

Other Information

The normal handling and safety precautions for the use of chemicals must be observed

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 AS 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.