

Material Safety Data Sheet. No: SD4140-R01

Issued 28-Jul-09

Section 1 : Chemical Identification

Catalogue No.:	4140-XXXX	Name:	Deblock Mix (3% Trichloroacetic acid in Dichloromethane)
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Section 2 : Hazards Identification

Main Hazard	Corrosive
Other Specific Hazards	Harmful; Limited evidence of carcinogenic effect

Section 3 : Composition/information on Ingredients

Chemical Name	Composition	CAS No.	EINECS No.
Dichloromethane	97%	75-09-2	200-838-9
Trichloroacetic Acid (TCA)	3%	76-03-9	200927-2

Section 4 : First Aid Measures

Eyes	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. OBTAIN MEDICAL ATTENTION
Skin	In case of contact, remove contaminated clothing, immediately wash skin with soap and copious amounts of water. OBTAIN MEDICAL ATTENTION
Ingestion	Wash out mouth with water provided the person is conscious. Do Not induce vomiting. OBTAIN MEDICAL ATTENTION
Inhalation	Immediately remove to fresh air. If not breathing, give artificial respiration. OBTAIN MEDICAL ATTENTION

Section 5 : Fire Fighting Measures

Extinguishing Media	Carbon dioxide, dry chemical powder or appropriate foam
Special Hazards of Product	Burning produces irritant fumes
Protective Equipment for Fire Fighting	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6 : Accidental Release Measures

Personal Protection	Wear protective clothing, respirator, chemical safety goggles, rubber gloves and rubber boots
Leaks and Spills	Clean the contaminated area thoroughly with a suitable solvent and absorbent material taking care to avoid breathing fumes. Dispose of all cleaning materials with care (see section 13)

Section 7 : Handling and Storage

Handling	Wear protective clothing, gloves and safety goggles. Use in a fume extraction cabinet. Avoid contact with eyes, skin and clothing. Avoid inhalation. Wash thoroughly after handling
Storage	Keep container closed. Store in a dry area, protected from moisture

Section 8 : Exposure controls/Personal Protection

Exposure Controls	Always use adequate fume extraction and keep storage vessels closed when not in use. See also sections 6 and 7 above.
Personal Protection	Protective gloves, goggles or laboratory spectacles and clothing are recommended. See also sections 6 and 7 above.

Section 9 : Physical and Chemical Properties

Physical State	Colourless liquid		
Melting Point	-97°C	Boiling Point	39°C
Flash Point		Explosion Limits	
Solubility (Water)	Slightly	Solubility (Org. Solvents)	Miscible with most organic solvents
Chemical Formula	N/A	Molecular Weight	N/A
Other Information	Autoignition temperature: 556°C		

Section 10 : Stability and Reactivity

Chemical Stability	Stable
Incompatibilities	Acids, bases, amines, strong oxidising agents, copper and copper alloys.
Hazardous Decomposition or Combustion Products	Burning can release irritant fumes
Hazardous Polymerisation	Does not occur

Section 11 : Toxicological Data

Toxic Effects	Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhoea. Contact with eyes may cause irritation. Contact with skin may cause irritation in susceptible persons. Inhalation of vapours is irritation to the respiratory system, may cause coughing and throat pain. Repeated or prolonged skin contact can cause dermatitis and sensitisation of susceptible persons.
Other Toxicological Data	The toxicological effects of this preparation have not been fully investigated. Information for the components are given below: ORL-RAT LD50 (dichloromethane): >2000mg/kg.

Section 12 : Ecological Information

Data not yet available. In use, caution should be exercised to minimise release into the environment by using appropriate containment procedures

Section 13 : Disposal Information

Dispose by incineration at high temperature in an approved incinerator fitted with appropriate environmental protection equipment. Dispose of in accordance with all applicable Local, National, State and Federal regulations. Labels should not be removed from containers until they have been thoroughly cleaned in an appropriate manner. Containers should not be treated as domestic waste and disposed of appropriately. Always use an approved disposal company.

Section 14 : Transport Information

UN No.	1760	UN Class	6.1	UN Packing Gp.	III
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Road Freight	ADR/RID hazard ID 60
Sea Freight	IMDG EmS: F-A S-A. Not a marine pollutant
Air Freight	IATA Packaging: 612

Section 15 : Regulatory Information

European Information:

R Phrases	R40 - Limited evidence of a carcinogenic effect
S Phrases	S36/37 - Wear suitable protective clothing and gloves

Section 16 : Other information

MSDS First Issued	Mar-07	MSDS Last Revision	Jun09	MSDS Version	R01
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