

MSDS Preparation Date: April 5, 2012

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MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL SUBSTANCE/PRODUCT AND COMPANY IDENTIFICATION

Product Name : GLASS CLEANER
Company Identification : RAJAKAKSHIM ENTERPRISES
 8/83 ,EDAYARPALAYAM ROAD,
 COIMBATOR E - 641130,
 TAMILNADU, INDIA
Emergency Telephone : +91 9486058861

SECTION 2 - HAZARDS IDENTIFICATION

RISK PHRASES : R36 irritating to eyes
 R38 irritating to skin
 R41 Risk of serious damage to eyes
 ENVIRONMENTAL RISK PH RASE
 SAFETY PHRASES
 Refer section 15

SECTION 3 - COMPOSITION AND INGREDIENTS

Mixture in water of Non dangerous ingredients and substances listed below

NAME	CAS NO	CONTENT
Isopropyl Alcohol	Proprietary	2.5-10 %
Butane	106-97-8	1 – 2.5 %
Propane	74-98-6	1-2.5 %
Other components below reportable levels		90 - 100 %

SECTION 4 - FIRST AID MEASURES

SWALLOWED :If swallowed DO NOT induce vomiting. Give a glass of water to drink. Seek immediate medical assistance.

EYE : If in eyes, hold eyelids apart and flush continuously with running water. Continuous flushing advised by doctor or for at least 15 minutes

SKIN : Not applicable.

INHALATION : Get medical attention if symptoms occur.

NOTES TO PHYSICIAN: Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

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MSDS Preparation Date: April 5, 2012	: This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.
EXTINGUISHING MEDIA	
SPECIFIC HAZARDS	: None Known
PROTECTIVE MEASURES IN FIRE	: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECATIONS	: Avoid contact with skin and eyes.
ENVIRONMENTAL PRECAUTIONS	: Spillages or uncontrolled discharges into water courses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.
SPILL CLEAN UP METHODS	: Small quantities collect with mop and wash with detergent and water. Major spills contain spill, collect spill with suitable super absorbent material like vermiculite, shovel material into a clean, dry appropriate labelled container and close lid tightly. Do not allow product to enter water ways.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING	: Keep container tightly closed, store in a cool ventilated place.
OTHER RECOMMENDATIONS	: Wash thoroughly after use.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE STANDARDS	: Not determined.
BIOLOGICAL LIMIT VALUES	: No biological limit allotted.
RESPIRATORY PROTECTION	: Wear appropriate respirator when ventilation is inadequate.
HAND PROTECTION	: Use solvent resistant gloves. Nitrile, pvc or neoprene.
EYE PROTECTION	: Wear safety goggles.
PROTECTIVE CLOTHING	: No special protection is ordinarily required beyond standard issue work clothes.
ENGINEERING CONTROLS	: Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Melting point	:	Not applicable
Physical State	:	Thick clear straw color liquid.
Boiling Point	:	Not applicable
PH	:	8-9
Solubility in water	:	Completely soluble.
Flashpoint	:	Not applicable
Specific Gravity	:	ND

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY	:	Stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS	:	No dangerous reaction known under conditions of normal use.
CONDITIONS TO AVOID	:	None known.
DECOMPOSITION PRODUCTS	:	Decomposition products may include the following materials oxides of carbon, nitrogen, chlorine may also emit ammonia.

SECTION 11 – TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY	:	The toxicity of this product does not determine.
COMPONENT TOXICITY	:	The hazard identification in section 2 were derived from the known effects of individual ingredients.
OTHER HEALTH EFFECTS	:	Low oral toxicity, but ingestion may cause irritation of the gastro-intestine tract.

SECTION 12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECT	:	Avoid contaminating waterways.
TOXICITY OF THE PRODUCTS OF BIODEGRADABLE	:	The product will degrade substances which are likely to be low impact when use as directed.

SECTION 13 – DISPOSABLE CONSIDERATION

DISPOSABLE METHOD	:	Product should be treated according to section 6, 7 & 8 above. Dispose of according to local, state and Federal regulation. Contact relevant authority for details.
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SECTION 14 – TRANSPORT INFORMATION

UN NUMBER : NR proper shipping name NA

CLASS : NR subsidiary Risk. None allocated.

PACKING GROUP : NR Hazchem code :NA

SPECIAL PRECAUTION FOR USER : None.

SECTION 15 – ADDITIONAL REGULARITY INFORMATION

REGULATORY STATES : Not regulate.

RISK PHRASES : R36/38 irritating to eyes and skin.
R41 Risk of serious damage to eyes.

SAFETY PHRASES : S2 keep out of the reach of children.
S24/25 avoid contact with eyes and skin.
S26 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46 if swallowed, seek medical advice immediately and show the container or label. S37 wear suitable gloves.
S50A Do not mix with other chemicals especially chlorine releasing bleaching as toxin gas will be evolved.

SECTION 16 – OTHER INFORMATION**DISCLAIMER :**

This MSDS is intended to provide brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered to be dependable and is accurate to the best of the company's knowledge.

This information is offered in good faith. Each user of this material needed to evaluate the conditions of use and design the appropriate protective mechanism to prevent employee exposures, property damage or release to the environment. The company assumes no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.