



## Section 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : CLEANER A

MANUFACTURER

NAME: RISO KAGAKU CORPORATION

ADDRESS: 5-34-7 SHIBA, MINATO-KU, TOKYO, 108-8385, JAPAN

TELEPHONE NUMBER: 81 (3) 5441-6611

DISTRIBUTOR

NAME:

ADDRESS:

TELEPHONE NUMBER:

## Section 2 - COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE / MIXTURE: Preparation

COMPONENTS:

	CAS No.	wt%
Dimethyldodecylamine oxide	1643-20-5	<20
Water	7732-18-5	>80

## Section 3 - HAZARDS IDENTIFICATION

ADVERSE HUMAN HEALTH EFFECTS:

Irritating to skin. Risk of serious damage to eyes.

ENVIRONMENTAL EFFECTS: Very toxic to aquatic organisms.

PHYSICAL AND CHEMICAL HAZARDS:

This material is not dangerous in case of usual handling.

## Section 4 - FIRST-AID MEASURES

EYE: Immediately hold eyelids open and rinse with a stream of water for at least 15 minutes and seek medical attention.

SKIN: Wash material off the skin with plenty of water and soap. If necessary seek medical attention.

INHALATION: Remove person to fresh air. If necessary seek medical attention.

INGESTION: Seek medical attention. Never give anything by mouth to an unconscious person. If possible, rinse out mouth and give one or two glasses of water or milk to drink.

## Section 5 - FIRE-FIGHTING MEASURES

SPECIFIC HAZARDS: May produce irritating or toxic gases in a fire.

SPECIFIC METHODS: Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible.  
Product itself is non-combustible.

PROTECTION OF FIREFIGHTIERS: Use goggles in combination with dust mask, and another protection as appropriate to situation. Risk of producing harmful gases such as carbon monoxide and nitrogen oxides. Avoid inhalation of smoke or gases



## Section 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use goggles and protective gloves. Ensure adequate ventilation.  
ENVIRONMENTAL PRECAUTIONS: Do not discharge into the drains, surface waters or ground water directly.  
METHODS OF CLEANING UP: Absorb spills with sand, inert absorbent, waste cloth or sawdust. Then wipe up remainder in waste cloth.  
PREVENTION OF SECONDARY HAZARDS:  
No information available.

## Section 7 - HANDLING AND STORAGE

HANDLING:  
TECHNICAL MEASURES: Use only in the well-ventilated areas.  
PRECAUTIONS: Avoid contact with eyes and skin.  
SAFE HANDLING ADVICE: Use safety glasses and protective gloves as appropriate to situation. Wash hands and face and gargle after handling.  
STORAGE:  
STORAGE CONDITIONS: Keep container tightly closed. Protect from sun. Store in a dark and well-ventilated place.  
PACKAGING MATERIAL: No information available.

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES: Use an adequate ventilation.  
PERSONAL PROTECTIVE EQUIPMENT:  
RESPIRATORY PROTECTION: Not normally required  
HAND PROTECTION: Rubber gloves  
EYE PROTECTION: Safety glasses  
SKIN AND BODY PROTECTION: Use as appropriate to situation.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Blue clear liquid  
ODOR: Slightly characteristic odor  
PH: 7.5  
BOILING POINT: No data available  
MELTING POINT: No data available  
DENSITY: No data available  
WATER SOLUBILITY: Soluble  
SOLVENT SOLUBILITY: No data available

## Section 10 - STABILITY AND REACTIVITY

STABILITY: No data available  
HAZARDOUS REACTIONS: Reacts with acids. Reacts with base.  
HAZARDOUS DECOMPOSITION PRODUCTS:  
No data available

## Section 11 - TOXICOLOGICAL INFORMATION

No data available



# MATERIAL SAFETY DATA SHEET

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MSDS No.: HCC00AU-00

## Section 12 - ECOLOGICAL INFORMATION

No data available

## Section 13 - DISPOSAL CONSIDERATIONS

METHOD OF DISPOSAL: Dispose of waste in accordance with local, state and federal laws and regulations.

## Section 14 - TRANSPORT INFORMATION

Follow all regulations in your country or region

UN CLASS / UN NUMBER : Not applicable

PRECAUTIONS :  
Ensure containers without breakage or leakage.  
Ensure containers tightly fixed.  
Follow all regulations in your country or region.

## Section 15 - REGULATORY INFORMATION

OSHA Hazard Communication Standard, 29CFR 1910.1200 :

This product is not considered hazardous under this standard.

TSCA (Toxic Substance Control Act) :

This product is listed in TSCA chemical substance inventory.

ACGIH (American Conference of Governmental Industrial Hygienists) :

This product contains no chemical substances classed carcinogenicity.

## Section 16 - OTHER INFORMATION

No data available

The information herein is given in good faith, but no warranty, express or implies, is made.  
Please consult RISO KAGAKU CORPORATION for further information.