

MATERIAL SAFETY DATA SHEET

YOUNG-GA CHEMICAL CO. LTD.
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Date completed: Oct. 03, 2004

PRODUCT NAME: Multi Propose Cleaner **Code : YG-104**

OTHER NAME:

DISTRIBUTED BY: YOUNG-GA CHEMICAL CO. LTD.

HAZARDOUS INGREDIENTS	%WT/WT	CAS NO.	TOXICITY DATA (LD₅₀ & LC₅₀)
Sodium Hydroxide	<3%	1310-73-2	LD ₅₀ Skin(rabbit) 1350mg/kg LD ₅₀ Oral(rat) 104-340mg/kg
Sodium Carbonate	<5%	497-19-8	LD ₅₀ Oral(rat) 4090mg/kg
Surfactant	<3%		

PHYSICAL DATA FOR PRODUCT

Physical State: Liquid Sp. Gravity: 1.02 pH: Strong base
Boiling Point: Not Avail. Vapour Pressure: Not Avail.
Vapour Density: Not Avail. Evaporation Rate: Not Avail.
Freezing Point: Not Avail. Solubility in Water: 100%
Appearance & Odour: Light blue liquid with no particular odour.

FIRE AND EXPLOSION DATA FOR PRODUCT

Flash Point (Test Method): Not Avail
Flammable Limits in Air, % by vol. Lower: Not Avail. Upper: Not Avail.
Fire Extinguishing Substances: () Water Fog () Foam (X) CO₂
(X) Dry Chem (X) Other: Use water spray to disperse vapours.
Hazardous Combustion Products: Nitrogen oxides.
Special Firefighting Procedures: Wear full protective clothing and self contained breathing apparatus.

REACTIVITY DATA FOR PRODUCT

Incompatibility: () Water (X) Oxidizing Material (X) Acid () Base () Other:
Hazardous Decomposition Products: None with proper handling and storage.

Chemical Stability: Stable under normal conditions.

Product Name: **Multi Propose Cleaner YG-104**

HEALTH HAZARD INFORMATION FOR PRODUCT
EMERGENCY and FIRST AID PROCEDURES

Inhalation: Remove to fresh air and get medical attention.

Ingestion: Do not induce vomiting. Drink large quantities of water or milk. Get immediate medical attention.

Eyes: Hold eyelids open and flush thoroughly with water for at least 15 minutes. Get medical attention.

Skin: Flush skin with plenty of water.

EFFECTS OF OVEREXPOSURE (Acute and Chronic)

Inhalation: Mist may cause irritation of respiratory tract.

Ingestion: Burning in mouth and esophagus; nausea, vomiting, abdominal pain.

Eyes: Causes temporary discomfort and redness. If irritation persists get medical attention.

Skin: Prolonged contact may cause discomfort and defatting of tissue.

PREVENTIVE MEASURES

Steps to be taken upon release or spillage (including neutralizing):

With large spills, dyke for later disposal. For small spills, dilute and wash area with water.

Waste disposal method:

Follow federal, provincial and local regulations before any discharge.

Handling and Storage Requirements:

Store in cool area above freezing point away from incompatibles.

Ventilation Requirements (Local or General):

General ventilation is sufficient.

Respiratory Protection:

Approved respiratory protection should be used if product is misted.

Eye Protection:

Safety glasses with sideshield.

Other Protection:

The use of rubber coveralls, gloves and boots is recommended.