

SECTION 1 - Product Identification & Use

COMMON NAME:	NBC Conc.	MANUFACTURER:	DISTRIBUTOR:
MATERIAL IDENTIFIER:	0607	Sci-Tech Inc.	
APPLICATION:	General Purpose Cleaner	#340 53016 Hwy 60	
WHMIS CLASSIFICATION:	D.2B, E	Acheson, AB T7X 5A7	
EMERGENCY CONTACT:	CANUTEC	(780) 960-1200	
EMERGENCY PHONE:	(613) 996-6666		

SECTION 2 - Hazardous Ingredients

HAZARDOUS INGREDIENTS	%	CAS/UN #	LD(50) OF INGREDIENT	LC(50) OF INGREDIENT
Sodium hydroxide solution	10 - 30	1310-73-2	n.av.	n.av.
Tetrasodium salt of EDTA	3 - 7	64-02-8	n.av.	n.av.
Sodium xylenesulfonate	3 - 7	1300-72-7	Rat (Oral) 650 mg/kg	n.av.
Dodecylbenzene sulfonic acid	1 - 5	27176-87-0	Rat (Oral) 650 mg/kg	n.av.
Nonylphenol polyethoxylate	1 - 5	9016-45-9	Rat (Oral) 2780 mg/kg	n.av.
Isopropanol	1 - 5	67-63-0	Rat (Oral) 5045 mg/kg	Rabbit 11130 mg/L/96h
Dipropylene glycol monomethyl ether	1 - 5	3459-09-48	Rat (Oral) 5200 mg/kg	n.av.

SECTION 3 - Physical Data

PHYSICAL STATE:	ODOUR AND APPEARANCE:	SOLUBILITY IN WATER:	ODOUR THRESHOLD:
Liquid	Lemon; Green	100%	n.av.
SPECIFIC GRAVITY:	VAPOUR DENSITY (air=1):	VAPOUR PRESSURE:	% VOLATILE BY VOLUME:
1.1 ± 0.02	n.av.	n.av.	n.av.
BOILING POINT:	MELTING POINT:	pH:	OCTANE-WATER COEFF:
> 100 °C	< 0 °C	12.0 ± 0.5	n.av.

OTHER PERTINENT INFORMATION:

n.av.

SECTION 4 - Fire & Explosion Data

FLAMMABILITY:	FLASHPOINT (°C):	n.av.
This product will not burn or support combustion.	AUTOIGNITION TEMPERATURE (°C):	n.av.
MEANS OF EXTINCTION:	LOWER FLAMMABLE LIMIT (% BY VOLUME):	n.av.
Use media proper for surrounding fire.	UPPER FLAMMABLE LIMIT (% BY VOLUME):	n.av.
SPECIAL PROCEDURES:	EXPLOSION SENSITIVITY TO IMPACT:	n.av.
It is recommended that a NIOSH approved SCBA be used when either in confined areas or exposed to combustion products.	SENSITIVITY TO STATIC DISCHARGE:	n.av.
HAZARDOUS COMBUSTION PRODUCTS:		
Oxides of carbon and sodium		

SECTION 5 - Reactivity Data

CHEMICAL STABILITY:
Stable under normal conditions.
INCOMPATIBLE MATERIALS:
Incompatible with acids and strong oxidizing materials.
HAZARDOUS DECOMPOSITION:
May thermally decompose to produce carbon monoxide, carbon dioxide, and oxides of sodium.

SECTION 6 - Toxicological Properties**INHALATION:**

Mist may cause severe irritation to the respiratory tract characterized by coughing or shortness of breath.

EYE CONTACT:

May cause severe irritation to eyes, visual impairment, or complete blindness

SKIN CONTACT:

Capable of causing severe burns with deep ulceration. Will penetrate to deeper layers of skin, resulting in permanent scarring and possibly death. Burns may not be immediately painful.

INGESTION:

Ingestion of high alkaline solutions can result in corrosive burns of the esophagus, stomach, and duodenum. May cause perforation of the esophagus or stomach. Symptoms include pain, excessive salivation, vomiting, and retching.

SECTION 7 - Preventative Measures

GLOVES: Rubber gloves required.

FOOTWEAR: Rubber boots required.

RESPIRATOR: Not required for normal use.

CLOTHING: Specialty clothing not required.

EYEWEAR: Chemical goggles or safety glasses required.

OTHER: Eye-wash station required.

ENGINEERING CONTROL:

Use with adequate general ventilation.

LEAK AND SPILL PROCEDURE:

For large spills, dike and salvage material. Minor spills can be neutralized with diluted hydrochloric or sulfuric acid and then flushed with plenty of water.

WASTE DISPOSAL:

Waste should not be discharged into sewer or waterways. Neutralize with diluted acid, then dispose of in accordance with local, provincial, and federal regulations.

HANDLING PROCEDURES AND EQUIPMENT:

Do not ingest. Avoid skin and eye contact.

STORAGE REQUIREMENTS:

Store in a cool, dry area above freezing and away from incompatibles. Keep container tightly closed when not in use. Protect from damage.

TDG CLASSIFICATION:

Corrosive liquids, basic, inorganic n.o.s. (Sodium Hydroxide): Class 8, UN3266, PG II

SECTION 8 - First Aid Procedures**INHALATION:**

Remove victim from exposure and allow fresh air. If discomfort results, seek medical attention.

EYE CONTACT:

In case of contact with eyes, continuously flush eyes with plenty of water or neutral saline solution for at least 60 minutes. Transport to emergency facility.

SKIN CONTACT:

In case of contact with skin, remove contaminated clothing and flush with water for at least 60 minutes. Do not interrupt flushing. Transport to an emergency facility.

INGESTION:

Rinse victim's mouth with water. DO NOT INDUCE VOMITING. Have victim drink 300 mL of water to dilute material in stomach. If milk is available, it may be given AFTER the water. Transport victim to an emergency facility.

SECTION 9 - Preparation of MSDS**PREPARED BY:**

SCI-TECH Department of Research and Development

PHONE NUMBER:

(780) 960-1200

CONSTRUCTED:

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