

Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME:.....OT-4060

MANUFACTURER'S NAME:International Chemtex Corporation

MANUFACTURER'S ADDRESS: 8287 214th St W, Lakeville, MN 55044

MANUFACTURER'S PHONE:(952) 469-4965

EMERGENCY PHONE NUMBER: (800) 424-9300 CHEMTREC

PRODUCT USE: This product is designed for use in industrial, commercial or institutional water treatment systems. This product is not for use in potable water systems.

2 – HAZARDS IDENTIFICATION

SIGNAL WORD: DANGER

CLASSIFICATION OF SUBSTANCE OR MIXTURE:

Acute toxicity - Oral Category 4

Skin corrosion/irritation - Category 1 Category 1A

Serious eye damage/eye irritation - Category 1

Specific target organ toxicity (single exposure) - Category 2



POTENTIAL HEALTH EFFECTS:

H315: Causes skin irritation

H303: May be harmful if swallowed

H318: Causes serious eye damage

PRECAUTIONARY STATEMENTS:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P264: Wash thoroughly after handling.

P402+404: Store in a dry place. Store in a closed container.

P403+404: Store in a well ventilated place. Keep cool.

P321: Specific treatment (see First Aid Measures on Safety Data Sheet).

3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT

Sodium Hydroxide

PERCENT

1-10

CAS NUMBER

1310-73-2

4 – FIRST-AID MEASURES

EYES:..... Flush eyes with abundant water for 15 minutes. Consult a physician.

SKIN (DERMAL):..... Promptly remove contaminated clothes. Wash skin with soap and water. If irritation persists, consult a physician.

SWALLOWING (INGESTION): If ingested, give water. DO NOT induce vomiting. Call a physician.

BREATHING (INHALATION): In case of discomfort by vapors or dusts, move to a ventilated area. Call a physician.

5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Water Spray, Foam, Dry Chemical or CO₂

OT-4060

HAZARDOUS DECOMPOSITION PRODUCTS:None known
SPECIAL FIREFIGHTING PROCEDURES:None
UNUSUAL FIRE AND EXPLOSION DATA:Adding water may generate heat.

6 – ACCIDENTAL RELEASE MEASURES

LEAK AND SPILL PROCEDURES:.....Use specified protective equipment (see section 8 of SDS). Contain and absorb with inert material. Sweep up spill and reclaim or place in a covered waste disposal container. Wash area with water.
WASTE DISPOSAL:.....Dispose of contaminated product via an approved chemical waste disposal firm and in accordance with all federal, state and local regulations.

7 – HANDLING and STORAGE

HANDLING PROCEDURES AND EQUIPMENT:Handle an open container with care. See section 8 of SDS for personal protection equipment. Avoid all skin contact and wash thoroughly after handling.
STORAGE REQUIREMENTS:Store in a tightly sealed container in a cool, dry and well-ventilated area. Keep from freezing if at all possible.
SPECIAL CONSIDERATIONS:.....In the event product is to freeze, thaw at room temperature then agitate prior to use.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:.....Local exhaust
RESPIRATORY PROTECTION:Not required for normal use.
PROTECTIVE GLOVES:Chemical gloves (neoprene, nitrile, PVC, natural rubber).
EYE PROTECTION:Face shield with chemical splash goggles.
ADDITIONAL MEASURES:Wear suitable chemical resistant protective clothing.

9 – PHYSICAL / CHEMICAL PROPERTIES

PHYSICAL STATE:Liquid
BOILING POINT:NE
FLASHPOINT:None
AUTOIGNITION TEMP:NA
UPPER EXPLOSION LIMIT (% BY VOL):NA
LOWER EXPLOSION LIMIT (% BY VOL):NA
VAPOR PRESSURE:NE
VAPOR DENSITY (air=1):.....NE
EVAPORATION RATE:NE
SOLUBILITY IN WATER:.....Complete
VOLATILITY INCLUDING WATER:.....NE
pH:11-14
SPECIFIC GRAVITY:1.09-1.12
ODOR:Organic type odor
APPEARANCE:Amber-Brown

10 – STABILITY and REACTIVITY

CHEMICAL STABILITY:Stable
HAZARDOUS POLYMERIZATION:.....Will not occur
INCOMPATIBLE MATERIALS:.....Avoid strong acids
HAZARDOUS DECOMPOSITION PRODUCTS:None known

11 – TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY:
BY EYE CONTACT:Possible

BY SKIN CONTACT:.....Possible

BY SKIN ABSORPTION:NA

BY INHALATION:.....NA

BY INGESTION:Possible

THRESHOLD LIMIT VALUE (UNITS): 2 mg/m³
ACUTE OVER EXPOSURE EFFECTS:Eye irritant. Risk of serious damage to eyes. Skin irritant.

CHRONIC OVER EXPOSURE EFFECTS:NE

CARCINOGENIC ACCORDING TO THE FOLLOWING:
NTP?No

IARC MONOGRAPHS?.....No

OSHA REGULATEDNo

12 – ECOLOGICAL INFORMATION

None available

13 –DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules).

14 – TRANSPORTATION INFORMATION

DOT (Department of Transportation)
UN NUMBER:UN1824

DOT SHIPPING NAME:.....Sodium Hydroxide Solution

HAZARD CLASS:.....8

PACKAGING GROUP:.....II

LABEL REQUIRED:Corrosive


15 – REGULATORY INFORMATION

TSCA STATUS:ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY OR EXEMPT.

SUPERFUND AMMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III
Ingredients covered under the following sections:
CERCLA HAZARDOUS SUBSTANCE: Sodium Hydroxide, RQ = 1000 lbs.

SARA Toxic Chemical – SECTION 313 : None

16 – OTHER INFORMATION

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1

HMIS Rating Scale:

0=Minimal

1=Slight

2=Moderate

3=Serious

4=Severe

PREPARED BYMR
REVISION2/6/19
PHONE NUMBER OF PREPARER.....952-469-4965

DISCLAIMER:

The above information and recommendations are accurate to the best of our knowledge. However, the company assumes no liability for the accuracy or completeness of the information contained herein and disclaims all liability for the reliance thereon. All chemicals present unknown health hazards and should be used with caution. The user should satisfy himself by independent investigation that he has all current data relevant to his particular use.

UN – Unavailable NA – Not Applicable NE – Not Established