

31804431805

MATERIAL SAFETY DATA SHEET

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ATTENTION: SAFETY DIRECTOR

TO: KING CO DIR ASSOC  
18639-80TH AVE SE  
P O BOX 5550  
KENT WA 98031

FROM: INDUSTRIAL CHEMICAL LAB., INC.  
1015 NORTH 14 ST.  
OMAHA, NE. 68102  
TELEPHONE: 402-342-4248

TRADE NAME: INDO SGL BOWL CLEANER/QT  
DATE ISSUED: 042167

HEALTH:	2	0 MINIMAL HAZARD
FLAMMABILITY:	0	1 SLIGHT HAZARD
REACTIVITY:	0	2 MODERATE HAZARD
PERSONAL PROTECTION:	2	3 SERIOUS HAZARD
		4 SEVERE HAZARD

31804, 31805

INGREDIENTS

INGREDIENT:  
HYDROGEN CHLORIDE  
CAS REG. NO.: 7647-01-0 PERCENTAGE: 24.6  
TLV: 5 PPM CEILING LIMIT

INGREDIENT:  
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDES AND  
CAS REG. NO.: 68391-01-5 AND PERCENTAGE: 0.0  
TLV:

INGREDIENT:  
ALKYL DIMETHYL ETHYL BENZYL AMMONIUM CHLORIDES  
CAS REG. NO.: 68395-79-0 PERCENTAGE: 0.0  
TLV: NOT EST.

PHYSICAL DATA

BOILING POINT: 200 F SPECIFIC GRAVITY: 1.12 VAPOR PRESSURE: NA  
PERCENT VOLATILE BY VOLUME: 98 VAPOR DENSITY: NA  
EVAPORATION RATE: BUTYL ACETATE =1 >1  
SOLUBILITY IN WATER: COMPLETE  
APPEARANCE AND ODOR:  
FREE-FLOWING WHITE OPAQUE LIQUID WITH HYDROCHLORIC ACID ODOR.

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NONE  
FLAMMABLE LIMITS: NA  
LEL: NA UEL: NA  
EXTINGUISHING MEDIA:

31804 + 31805

MATERIAL SAFETY DATA SHEET

NA

SPECIAL FIRE FIGHTING PROCEDURES:

EXPOSURE TO HEAT MAY INCREASE CONCENTRATION OF HYDROGEN CHLORIDE VAPORS.  
WEAR PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

WILL REACT WITH MOST METALS TO RELEASE FLAMMABLE HYDROGEN CHLORIDE GAS WHICH  
MAY ACCUMULATE IN CLOSED CONTAINERS.

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REACTIVITY DATA

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STABILITY: STABLE

CONDITIONS TO AVOID:

REACTIVE WITH MOST METALS.

INCOMPATIBILITY (MATERIALS TO AVOID):

CONTACT WITH STRONG BASE MAY CAUSE REACTION GENERATING LARGE AMOUNTS OF HEAT.

HAZARDOUS DECOMPOSITION PRODUCTS:

HYDROGEN CHLORIDE VAPORS, FLAMMABLE HYDROGEN GAS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID:

NONE

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HEALTH HAZARD DATA

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THRESHOLD LIMIT VALUE:

5 PPM CEILING LIMIT ACGIH

ROUTE(S) OF ENTRY: INHALATION: + SKIN: + INGESTION: +

EFFECTS OF OVEREXPOSURE:

CONTACT WITH EYES OR SKIN MAY CAUSE IRRITATION OR BURNS. INHALATION OF FUMES  
OR MIST MAY CAUSE COUGHING AND CHOKING. INGESTION MAY CAUSE SEVERE BURNS OF  
MOUTH, THROAT AND STOMACH.

CARCINOGENICITY: NTP: - IARC MONOGRAPHS: - OSHA REGULATED: -

EMERGENCY FIRST AID PROCEDURES:

FOR SKIN CONTACT, WASH THOROUGHLY WITH SOAP AND WATER. FOR EYE CONTACT,  
FLUSH WITH CLEAR WATER FOR 15 MINUTES AND CONSULT A PHYSICIAN. IF INHALED,  
AND RESPIRATORY EFFECTS OCCUR, REMOVE TO FRESH AIR. IF INGESTED, AND VICTIM  
IS CONSCIOUS, GIVE TWO GLASSES OF MILK, EGG WHITES OR GELATIN SOLUTION AND  
CONSULT A PHYSICIAN. IN ANY CASE, IF AN IRRITATION PERSISTS, CONSULT A  
PHYSICIAN.

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PRECAUTIONS FOR SAFE HANDLING AND USE

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

NEUTRALIZE WITH LIME OR SODA ASH. DILUTE WITH LARGE VOLUMES OF WATER.

WASTE DISPOSAL METHOD:

DILUTE AND/OR NEUTRALIZE AND DISPOSE IN ACCORDANCE WITH APPROPRIATE LOCAL,  
STATE OR FEDERAL REGULATIONS.

RCRA: CORROSIVE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

KEEP OUT OF REACH OF CHILDREN. WEAR RUBBER GLOVES AND PROTECTIVE EYEWEAR  
WHEN HANDLING CONCENTRATE OR STRONG DILUTIONS. AVOID INHALATION OF MISTS AND