

Material Safety Data Sheet

24 Hour Emergency Number: (800) 535-5053

Date Prepared: 8/10/1999

KWIK STRIP

Reference No. 40300

PRODUCT IDENTIFICATION

TRADE NAME: Kwik Strip **GENERIC NAME:** Acid Cleaner

HMIS RATING HEALTH 2 REACTIVITY 1 FLAMMABILITY 0 PERSONAL C

Manufacturer's Information BioSentry, Inc.
1481 Rock Mountain Blvd., Stone Mountain, GA 30083 USA
Telephone: (770) 723-9211

SECTION I. PRODUCT INGREDIENTS (HAZARDOUS)

CHEMICAL NAME	CAS#	PERCENT	TLV/PEL
Hydrochloric acid*	7647-01-1	5-10	5 ppm

*Reportable under SARA TITLE III Section 313

SECTION II. PHYSICAL DATA

BOILING POINT	VAPOR PRESSURE	SPECIFIC GRAVITY	MELTING POINT
>100°C	N/A	1.050	N/A
WATER SOLUBILITY	VAPOR DENSITY	PERCENT VOLATILE	EVAPORATION RATE
Complete	N/A	90.5	(Water=1) 1
APPEARANCE AND ODOR:	Purple viscous liquid with a mild acid odor		

SECTION III. FIRE AND EXPLOSION DATA

FLASH POINT >200°F **FLAMMABILITY LIMIT** LEL N/A UEL N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus for hydrogen chloride fumes

UNUSUAL FIRE OR EXPLOSION HAZARDS: Contact with some metals may produce flammable hydrogen gas

SECTION IV. HEALTH HAZARD INFORMATION

HAZARD BY ROUTE OF EXPOSURE (Indicate chronic and acute)

INHALATION: Acute: Irritation to mucous membranes Chronic: None expected
INGESTION: Acute: Moderately toxic Chronic: Damage to throat and esophagus
EYE: Severe eye irritation

SKIN CONTACT/ ABSORPTION: Acute: Irritation Chronic: Tissue damage

SIGNS AND SYMPTOMS ASSOCIATED WITH EXPOSURE OVER TLV: Irritation of nasal passages and/ or throat

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED: Skin and respiratory conditions

Any of Part I listed as carcinogens? (NTP, IARC, OSHA): None

EMERGENCY FIRST AID PROCEDURES

INHALATION: Avoid breathing spray mist. Remove individual to fresh air area.

INGESTION: Drink 1 or 2 glasses of water. Follow with milk of magnesia or other suitable antacid. Avoid alcohol. Call a physician.

EYE CONTACT: Flush with copious amounts of water for at least 15 minutes. Get medical attention if irritation persists.

SKIN CONTACT: Flush affected areas with copious amounts of water. Remove and launder all contaminated clothing before reuse. Get medical attention if symptoms persist.

SECTION V. CONDITIONS FOR SAFE USE (WHEN OVER TLV)

RESPIRATORY PROTECTION: None required under normal use conditions. If TLV is exceeded, use a NIOSH approved mask with cartridge for HCl.

EYE PROTECTION: Splash goggles or safety glasses.

PROTECTIVE GLOVES: Rubber gloves

OTHER PROTECTIVE CLOTHING/ EQUIPMENT: Impervious apron

VENTILATION REQUIREMENTS: Mechanical exhaust

SECTION VI. REACTIVITY DATA

IS PRODUCT STABLE? Yes **WILL HAZARDOUS POLYMERIZATION OCCUR?** No

INCOMPATIBILITIES: Alkali, chlorine and chlorinated compounds, aluminum, zinc, magnesium

CONDITIONS TO AVOID: Poor ventilation. Use only in well ventilated areas.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Carbon dioxide, Hydrochloric acid, Hydrogen gas

SECTION VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Flush small spills to sewer with large quantities of water. For larger spills, absorb onto inert absorbent material and transfer to clean, plastic containers.

WASTE DISPOSAL METHOD: Incinerate or transport to a waste treatment facility. Neutralize with sodium bicarbonate or soda ash to a pH of 6.0 - 9.0. Follow all local, state and federal waste disposal regulations.

RCRA REGULATED? Yes **RCRA NUMBER:** D002 **CERCLA (Superfund) reportable:** N/A

DOT REGULATED
Yes

DOT PROPER SHIPPING NAME
Compound, cleaning liquid

DOT HAZARD CLASS
Corrosive

DOT NUMBER
NA 1769

SPECIAL PRECAUTIONS:

FOR HANDLING AND STORAGE: Keep container closed when not in use

OTHER: Keep out of reach of children. Avoid skin and eye contact.

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