

Distributed By:

Product Name: TAKE OFF

**KAYLINE COMPANY**

PHONE: 216-566-9858 or 800-426-5820

EMERGENCY: phone number involving spill, leak, fire or accident:

INFOTRAC 800-535-5053

MATERIAL SAFETY DATA (Prepared According to 29CFR 1910,1200)

**SECTION 1 -- PRODUCT IDENTIFICATION**

Product Code # K19

PRODUCT NAME: TAKE OFF  
PRODUCT TYPE: HARD SURFACE CLEANER (ACID)  
COMPANY NAME: KAYLINE COMPANY  
COMPANY ADDRESS: P.O. Box 603207, Cleveland, Ohio 44103  
Proper Shipping Name: CORROSIVE LIQUID, N.O.S., 8, UN1760, PGII (CONTAINS HYDROCHLORIC ACID)

HMIS Rating Health ... 3  
Fire ... 0  
Reactivity ... 0  
Personal Protection ... C

Formula Proprietary

**SECTION 2 -- INGREDIENTS**

Revision Date: 08/06

CHEMICAL NAME	CAS NO.	PERCENT WT	313 / CHEM	PEL	TWA-TLV	CARCINOGEN
HYDROGEN CHLORIDE	7647-01-0	15 to 20	N	5		NO

NOTE: Ingredients not toxic under Section 313 of Title III, (SARA) and 40 CFR Part 373.

The balance of the chemicals in this mixture are either considered nonhazardous or are below the listing limits for hazardous substances. These chemicals are considered trade secrets. The specific identity of these chemicals is available to health professionals.

**SECTION 3 -- PHYSICAL DATA**

**SECTION 4 -- FIRE AND EXPLOSION DATA**

Boil Point 212  
Vapor Press.(mmhg) 20@68f  
VaporDensity (AIR=1) N/A  
Soluble in Water  
VOC = 0.0 (g/l)  
Appearance / Odor: CLEAR LIQUID/CHARACTERISTIC

Specific Gravity 1.09  
Volatile: 85  
pH 1  
Evap. Rate (H2O=1) = 1  
VOS of Concentrate = .0%

Flash Point: N/A (TCP)  
Flammable Limits: N/A  
Extinguishing Media: NON-FLAMMABLE  
Special Fire Fighting Procedures: N/A  
Fire, Explosion Hazards: N/A

**SECTION 5 -- REACTIVITY DATA**

**SECTION 6 -- STORAGE AND HANDLING**

Stability: STABLE  
Hazardous Polymerization: WILL NOT OCCUR  
Incompatibility: STRONG BASES, BLEACH  
Hazardous Decomposition: ACIDIC VAPORS IN FIRE

KEEP OUT OF THE REACH OF CHILDREN  
For industrial use only.

**SECTION 7 -- HEALTH AND FIRST AID**

EYES: May cause severe eye irritation. Prolonged contact may cause permanent eye damage.  
SKIN: May cause severe skin irritation. Prolonged contact may cause burns and redness.  
INHALATION: May be irritating to mucous membranes in nose, throat, and lungs. Choking, coughing, headache may occur.  
INGESTION: May cause irritation to the intestine, mouth, throat esophagus. Vomiting and diarrhea expected with large doses.

EYES: Flush eyes with large amounts of water. Consult physician.  
SKIN: Flush with large amounts of water. Remove contaminated clothes. Seek medical attention.  
INHALATION: Seek fresh air. Consult physician  
INGESTION: Do not induce vomiting or give anything by mouth to an unconscious person. Immediately seek medical attention.

**SECTION 8 -- SPECIAL PROTECTION DATA**

**SECTION 9 -- SPILL OR LEAK PRECAUTIONS**

Repository Protection: Adequate ventilation  
Ventilation as required to maintain TLV  
Protective Gloves: Rubber Gloves Recommended.  
Eye Protection: Safety Glasses Recommended

Steps to be taken in case of spill or leak:  
Mop or absorb for disposal  
Waste disposal Method:  
Sewer or incinerate with local approval.

N/A = Not Applicable CMP = Complete

END OF GENERATE