

CROWN INDUSTRIAL PRODUCTS CO., INC -- FAULT-FINDER CLEANER 1031 -- 6850-00-782-2740  
===== Product Identification =====

Product ID:FAULT-FINDER CLEANER 1031  
MSDS Date:04/07/1986  
FSC:6850  
NIIN:00-782-2740  
MSDS Number: BJKXV  
=== Responsible Party ===  
Company Name:CROWN INDUSTRIAL PRODUCTS CO., INC  
Address:STATE LINE ROAD  
City:HEBRON  
State:IL  
ZIP:60034  
Country:US  
Info Phone Num:815-648-2424  
Emergency  
Phone Num:815-648-2424  
Preparer's Name:GREGORY GLAD  
CAGE:92381  
=== Contractor Identification ===  
Company Name:CROWN INDUSTRIAL PRODUCTS CO  
Address:HWY 47 N  
Box:350  
City:HEBRON  
State:IL  
ZIP:60034  
Country:US  
Phone:815-648-2424  
CAGE:92381

===== Composition/Information on Ingredients =====

Ingred Name:SOLVENT NAPHTHA (PETROLEUM) ALIPHATIC LIGHT  
CAS:64742-89-8  
Fraction by Wt: 70.0%  
OSHA PEL:300PPM/STEL 400PPM  
ACGIH TLV:300PPM/STEL 400PPM

Ingred Name:LIQUIFIED PETROLEUM GAS, SWEE

TENED (11-30%) THIS IS MIXTURE  
OF ISOBUTANE PROPANE MIXTURE USED AS PROPELLANT.

CAS:68476-86-8

Fraction by Wt: 11-30%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM

=====  
===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY CAUSE IRRITATION TO NOSE, THROAT,  
RESPIRATORY TRACT, EYES, AND SKIN.

Effects of Overexposure:INHALATION: MAY BE IRRITAT  
ING TO NOSE, THROAT,

AND RESPIRATORY TRACT. HIGH CONCENTRATION MAY RESULT IN CNS  
DEPRESSION. INGESTION: MAY RESULT IN VOMITING. EYES: CAUSES MILD  
IRRITATION. SKIN: MILD IRRITATING. PROLONGED EXPOSURE CAN RESULT  
IN DEFATTING AND DRYING OF SKIN, WHICH CAN RESULT IN DERMATITIS.

Medical Cond Aggravated by Exposure:PREEXISTING EYE, SKIN AND  
RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS  
PRODUCT.

=====  
===== First Aid Measures =====

=

First Aid:INGESTION: DO NOT INDUCE VOMITING.IF VOMITING OCCURS  
SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID  
INTO THE LUNGS. CALL A DOCTOR. DO NOT GIVE EPINEPHRINE OR SIMILAR  
DRUGS. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING  
IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. EYES:  
WASH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SKIN: WASH WITH  
SOAP AND WATER.

=====  
===== Fire Fighting Measures =====

=====

Flash Point:N/R (AEROSOL CAN)

Lower Limits:1.8

Upper Limits:9.5

Extinguishing Media:WATER FOG, DRY CHEMICAL, FOAM, CARBON DIOXIDE

Fire Fighting Procedures:COOL EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:AEROSOL CANS WILL EXPLODE IN HEAT OF  
FIRE. TREAT AS CYLINDER OF COMPRESSED GAS. FACE SHIELDS, HELMETS  
AND SELF CONTAINED BREATHING APPARATUS IS RECOMMENDED.

=====  
===== Accidental Release Measures =====

Spill Release Procedures:IF

LIQUID SPILLS OUT, VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. CLEAN UP WITH INERT MATERIALS. SEGREGATE AND REMOVE THE LEAKING AEROSOL CANS.

=====  
===== Handling and Storage =====

Handling and Storage Precautions:DO NOT STORE IN DIRECT SUNLIGHT OR WHERE TEMPERATURE EXCEED 120F. AVOID SPLASH FILLING, OPEN FLAME, SPARKS. USE IN WELL-VENTILATED AREA.

Other Precautions:DO NOT SPRAY ON FLAMES, HOT SURFACES. AVOID INHALATION OF VAPORS. AVOID PHYSICAL DAMAGE TO THE CONTAINERS.

=====  
===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR TO PREVENT OVER-EXPOSURE IN ACCORDANCE WITH 29CFR1910.134

Ventilation:MECHANICAL - EXPLOSION PROOF RECOMMENDED.LOCAL - YES

Protective Gloves:BEST - NITRILE OR POLYVINYL ALCOHOL.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:NONE

Work Hygienic Practices:AIR DRY CONTAMINATED CLOTHING AND LAUNDRER BEFORE RE-USE.

Supplemental Safety and Health

ty and Health

THIS PRODUCT FAULT FINDER CLEANER 1031 IS ONE OF THREE PARTS KIT. THIS ENTRY REPRESENTS NEW FORMULATION OF 1031. THE OLD 1031 CLEANER IS UNDER PNI 'A' THIS NSN. OTHER PARTS OF THE KIT ARE: PENETRANT 1 032 AND DEVELOPER 1033. PREVIOUSLY THESE ITEMS WERE OF GROUP VII. PER QPL NOW ARE TYPE I,METHOD C,LEVEL 3; KEY1:F1

=====  
===== Physical/Chemical Properties =====

HCC:V3

Boiling Pt:B.P. Text:240-270F

Vapor Pres:2224MMHG

Vapor Density:5.8

Spec Gravity:0.75

Evaporation Rate & Reference:1.2 (BU-ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS LIQUID, LIGHT PETROLEUM ODOR BEFORE FILLING IN AEROSOL CANS.

Percent Volatiles by Volume:100

=====  
===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:OPEN FLAMES OR SPARK SOURCES

Hazardous Decomposition Products:CARBON MONOXIDE,CARBON DIOXIDE

=====

= Disposal Considerations =====

Waste Disposal Methods: AEROSOL CONTAINER: DO NOT PUNCTURE OR INCINERATE. EMPTY CONTAINERS MAY BE DISPOSED OF THROUGH NORMAL CHANNELS. FULL OR PARTIALLY FILLED CONTAINERS ARE CONSIDERED HAZARDOUS WASTE. COMPLY WITH ALL FEDERAL, STATE, LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.