

DOALL COMPANY -- GAGE BLACK CLEANER, AEROSOL -- 7930-01-014-5066

=====
Product Identification
=====

Product ID:GAGE BLACK CLEANER, AEROSOL

MSDS Date:07/14/1986

FSC:7930

NIIN:01-014-5066

MSDS Number: BHBHK

=== Responsible Party ===

Company Name:DOALL COMPANY

Address:254 N. LAUREL AVE

City:DES PLAINES

State:IL

ZIP:60016

Country:US

Info Phone Num:312-824-1122

Emergency Phone Num:312-824-1122

Prepare

r's Name:R.R. ROGERS

CAGE:02637

=== Contractor Identification ===

Company Name:DOALL CO

Address:254 NO LAUREL AVE

Box:City:DES PLAINES

State:IL

ZIP:60016

Country:US

Phone:847-803-7366

CAGE:18056

Company Name:DOALL COMPANY

Address:254 N LAUREL AVE

City:DES PLAINES

State:IL

ZIP:60016-4321

Country:US

CAGE:02637

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

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 70%

OSHA

PEL:350 PPM/450 STEL
ACGIH TLV:350 PPM/450STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingred Name:HYDROCARBON PROPELLANT
CAS:68476-85-7
RTECS #:OJ2200000
Fraction by Wt: 30%
OSHA PEL:1,000 PPM
ACGIH TLV:SIMPLE ASPHYZIAN

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and

Chronic:INHALATION:IRRITATION,DI
ZZINESS,NARCOTIC EFFECT.

EYES:IRRITATION. SKIN:IRRITATION,REDNESS,DEFATTING.

INGESTION:SINGLE DOSE TOXICITY IS LOW. LD50 FOR RATS=10,000MG/KG
BEWARE OF ASPIRATION FROM VOMITING . REPEATED SKIN CONTACT MAY
PRODUCE A DRY, SCALY, AND FISSURED DERMAT.

Effects of Overexposure:INTENSE PROLONGED EXPOSURE MAY LEAD TO REDUCED
LIVER FUNCTION, CARDIAC ARRYTHMIAS.

Medical Cond Aggravated by Exposure:PRE-EXISTING DISORDERS OF THE
EYE,SKIN,CARDIOVASCULAR SYSTEM, CENTRAL NERVOUS SYSTEM.

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

First Aid:INHALATION:TAKE PERSON TO FRESH AIR. SUPPORT BREATHING IF
NEEDED.GET MED HELP.EYES:FLUSH WITH WATER FOR 15 MINUTES.SKIN:WASH
EXPOSED AREA WITH SOAP AND WATER.DO NOT USE HARSH
SOLVENTS.INGESTION:KEEP W ARM AND QUIET.GET MED HELP.NOTE-DR.
DANGER FROM LUNG ASPIRATION MUST BE WEIGHED AGAINST TOXICITY IF
STOMACH EMPTIED. MAY INCREASE MYOCARDIAL.

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

Flash Point:PROPELLANTS 123F

Lower Limits:1.9

Upper Limits:9.5

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures:KEEP CONTAINERS COOL WITH WATER STREAM OR
SPRAY.LGE QTY OF PRODUCT INVOLVED: SCBA RESPIRATOR IN FIRE AREA.
PROVIDE PROTECTIVE SHIELDING AGAINST BURSTING CANS.

Unusual Fire/Explosion Hazard:AT ELEVATED TEMP (OVER 130F) CONTAINERS
MAY VENT, RUPTURE, OR BURST VIOLENTLY. IF HEATED TO DECOMPOSITION
TEMP MAY EMIT TOXIC FUMES OF CHLORINE COMPOUNDS.

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

Spill Release Procedures:LG SPILLS:EVACUATE AREA. USE SCBA
RESPIRATOR-CONTAIN SPILL PREVENT ENTERING WATER SUPPLY. SUCTION
INTO METAL CONTAINER. VENTILATE AREA TO REMOVE RESIDUE VAPORS. SM
SPILLS:MOP UP OR SOAK UP WITH INERT MATERIAL.REMOVE MOP AND CLEAN
AREA IMMEDIATELY.

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

Handling and Storage Precautions:USE WITH ADEQUATE VENT.
AVOID

BREATHING VAPORS. STORE IN COOL, DRY PLACE.

Other Precautions:DO NOT PUNCTURE OR INCINERATE AEROSOL CANS.DO NOT
STICK PIN, NAIL, OR OTHER SHARP OBJECTS INTO OPENING OF TOP OF
AEROSOL CANS. DO NOT SMOKE WHEN USING.

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

Respiratory Protection:IF TLV EXCEEDED; ANY AIR SUPPLIED RESPIRATOR.

Ventilation:TO CONTROL VAPORS TO STANDARD.

Protective Gloves:VITON, NEOPRENE, ORPOLYVINYL-OPTIONAL.

Eye Protection:SAFETY GOGGLES
OR FULL FACESHIELD.

Other Protective Equipment:DEPENDENT ON EXPECTED EXPOSURE-SOLVENT
RESISTANT CLOTHING.

Work Hygienic Practices:AVOID BREATHING VAPORS, PROLONGED CONTACT WITH
SKIN & EYES.WASH WITH MILD SOAP AND WARM WATER. LAUNDER BEFORE
REUSE.

Supplemental Safety and Health

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

Vapor Pres:80@130F

Vapor Density:>1.

Spec Gravity:0.95

Evaporation Rate & Reference:>1.

Solubility in Water:NEGLIGIBLE

Appearance and Od

or:WET SPRAY, CHLORINATED SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

LIQUID OXYGEN, CAUSTICS.

Stability Condition to Avoid:DROPPING,AS CAN MAY BURST. OPEN FLAMES &
HOT SURFACES.

Hazardous Decomposition Products:CARBON MONOXIDE, HYDROCHLORIC ACID,
PHOSGENE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods:IN ITS

PURE LIQUID FORM 1,1,1-TRICHLOROETHANE

(U226) IS CLASSED AS HAZARDOUS WASTE UNDER RCRA. IF THE LIQUID FORM
MUST BE DISPOSED OF LO/ST/FED REG MUST BE COMPLIED WITH. DO NOT
PUMP INTO SEWERS, WATE R OR ONTO THE GROUND.

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.