

MSDS C4055

ITEM: 2F136 - Dielectric Grease, 16 oz, Net 10 oz.

DELIVERY: 6284901165

HU NUMBER: U557711812

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - C4055

Associated Grainger Items  
2F136

CRC(R\*)

MATERIAL SAFETY DATA SHEET

-----SECTION 1: PRODUCT & COMPANY IDENTIFICATION-----

PRODUCT NAME: DI-ELECTRIC GREASE (AEROSOL)

PRODUCT NUMBER(S): 03082, 73082

PRODUCT USE: LUBRICATING AND INSULATING ELECTRICAL COMPONENTS

MANUFACTURER / SUPPLIER CONTACT INFORMATION:

IN UNITED STATES:  
CRC INDUSTRIES, INC.  
885 LOUIS DRIVE  
WARMINSTER, PA 18974

WWW.CRCINDUSTRIES.COM

1-215-674-4300 (GENERAL)

(800) 521-3168 (TECHNICAL)

(800) 272-4620 (CUSTOMER SERVICE)

IN CANADA:  
CRC CANADA CO.  
2-1246 LORIMAR DRIVE  
MISSISSAUGA, ONTARIO L5S 1R2

WWW.CRC-CANADA.CA

1-905-670-2291

IN MEXICO:  
CRC INDUSTRIES MEXICO  
AV. BENITO JUAREZ 4055 G  
COLONIA ORQUIDEA  
SAN LUIS POTOSI, SLP CP 78394

WWW.CRC-MEXICO.COM

52-444-824-1666

24-HR EMERGENCY - CHEMTREC: (800) 424-9300 OR (703) 527-3887

-----SECTION 2: HAZARDS IDENTIFICATION-----

EMERGENCY OVERVIEW:

DAANGER:  
EXTREMELY FLAMMABLE. HARMFUL OR FATAL IF SWALLOWED. CONTENTS UNDER PRESSURE.

APPEARANCE & ODOR: TRANSLUCENT TO OPAQUE GEL PASTE, SOLVENT ODOR

POTENTIAL HEALTH EFFECTS:

ACUTE EFFECTS:

EYE:  
MAY CAUSE MILD IRRITATION INCLUDING STINGING AND REDNESS, BUT DOES NOT INJURE EYE.

SKIN:  
CONTACT MAY CAUSE REDNESS, ITCHING, BURNING AND SKIN DAMAGE. PROLONGED OR REPEATED CONTACT CAN WORSEN IRRITATION BY CAUSING DRYING AND CRACKING OF THE SKIN, LEADING TO DERMATITIS (INFLAMMATION).

INHALATION:  
HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DEATH. MAY CAUSE PERIPHERAL NERVOUS SYSTEM DISORDER AND/OR DAMAGE.

INGESTION:  
LOW ORDER OF TOXICITY BY INGESTION. MAIN HAZARD IS ASPIRATION INTO THE LUNGS DURING SWALLOWING OR VOMITING. SMALL AMOUNTS ASPIRATED INTO THE RESPIRATORY SYSTEM MAY CAUSE BRONCHOPNEUMONIA OR PULMONARY ADEMA, POSSIBLY PROGRESSING TO DEATH.

CHRONIC EFFECTS:  
OVEREXPOSURE TO n-HEXANE MAY CAUSE PROGRESSIVE AND POTENTIALLY IRREVERSIBLE DAMAGE TO THE PERIPHERAL NERVOUS SYSTEM, PARTICULARLY IN THE ARMS AND LEGS.

TARGET ORGANS:  
CENTRAL NERVOUS SYSTEM, PERIPHERAL NERVOUS SYSTEM, RESPIRATORY SYSTEM

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: SKIN AND RESPIRATORY CONDITIONS

SEE SECTION 11 FOR TOXICOLOGY AND CARCINOGENICITY INFORMATION ON PRODUCT INGREDIENTS.

-----SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS-----

COMPONENT	CAS NUMBER	% BY WT.
HEXANE ISOMERS	64742-49-0	25 - 35
HEPTANE ISOMERS	142-82-5	25 - 35
n-HEXANE	110-54-3	2.2

SILICONE FLUID 63148-62-9 / 5 - 15  
68611-44-9 /  
70131-67-8

LIQUEFIED PETROLEUM GAS 68476-86-8 25 - 35

-----SECTION 4: FIRST AID MEASURES-----

EYE CONTACT:  
IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. CALL A PHYSICIAN IF IRRITATION PERSISTS.

SKIN CONTACT:  
REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED AREA WITH SOAP AND WATER. CALL A PHYSICIAN IF IRRITATION PERSISTS. WASH CONTAMINATED CLOTHING PRIOR TO RE-USE.

INHALATION:  
REMOVE PERSON TO FRESH AIR. KEEP PERSON CALM. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT GIVE OXYGEN. CALL A PHYSICIAN.

INGESTION: DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN IMMEDIATELY.

NOTE TO PHYSICIANS:  
TREAT SYMPTOMATICALLY. GASTRIC LAVAGE USING A CUFFED ENDOTRACHEAL TUBE MAY BE PERFORMED AT YOUR DISCRETION.

-----SECTION 5: FIRE-FIGHTING MEASURES-----

FLAMMABLE PROPERTIES:  
THIS PRODUCT IS EXTREMELY FLAMMABLE IN ACCORDANCE WITH AEROSOL FLAMMABILITY DEFINITIONS. (SEE 16 CFR 1500.3(C)(6)).

FLASH POINT: <20 DEG. F / -7 DEG. C (TCC)

AUTOIGNITION TEMPERATURE: 489 DEG. F / 254 DEG. C

UPPER EXPLOSIVE LIMIT: ND

LOWER EXPLOSIVE LIMIT: ND

FIRE AND EXPLOSION DATA:

SUITABLE EXTINGUISHING MEDIA:  
CLASS B FIRE EXTINGUISHERS, DRY CHEMICAL, FOAM OR CO2

PRODUCTS OF COMBUSTION: FUMES, SMOKE, OXIDES OF CARBON, AND HYDROCARBONS

EXPLOSION HAZARDS:  
AEROSOL CONTAINERS, WHEN EXPOSED TO HEAT FROM FIRE, MAY BUILD PRESSURE AND EXPLODE. VAPORS MAY ACCUMULATE IN A CONFINED SPACE AND CREATE A FLAMMABLE ATMOSPHERE.

PROTECTION OF FIRE-FIGHTERS:  
FIREFIGHTERS SHOULD WEAR SELF-CONTAINED, NIOSH-APPROVED BREATHING APPARATUS FOR PROTECTION AGAINST SUFFOCATION AND POSSIBLE TOXIC DECOMPOSITION PRODUCTS. PROPER EYE AND SKIN PROTECTION SHOULD BE PROVIDED. USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL AND TO KNOCK DOWN VAPORS WHICH MAY RESULT FROM PRODUCT DECOMPOSITION. DO NOT SPRAY WATER DIRECTLY ON FIRE; PRODUCT WILL FLOAT AND COULD BE REIGNITED ON SURFACE OF WATER.

-----SECTION 6: ACCIDENTAL RELEASE MEASURES-----

PERSONAL PRECAUTIONS: USE PERSONAL PROTECTION RECOMMENDED IN SECTION 8.

ENVIRONMENTAL PRECAUTIONS:  
TAKE PRECAUTIONS TO PREVENT CONTAMINATION OF GROUND AND SURFACE WATERS. DO NOT FLUSH INTO SEWERS OR STORM DRAINS.

METHODS FOR CONTAINMENT & CLEAN-UP:  
DIKE AREA TO CONTAIN SPILL. REMOVE ALL SOURCES OF IGNITION. VENTILATE THE AREA WITH FRESH AIR. IF IN CONFINED SPACE OR LIMITED AIR CIRCULATION AREA, CLEAN-UP WORKERS SHOULD WEAR APPROPRIATE RESPIRATORY PROTECTION. RECOVER OR ABSORB SPILLED MATERIAL USING AN ABSORBENT DESIGNED FOR CHEMICAL SPILLS. PLACE USED ABSORBENTS INTO PROPER WASTE CONTAINERS.

-----SECTION 7: HANDLING AND STORAGE-----

HANDLING PROCEDURES:  
USE PROPER GROUNDING AND BONDING PROCEDURES FOR TRANSFERRING MATERIALS. DO NOT USE PRODUCT NEAR ANY SOURCE OF IGNITION. AVOID CONTACT WITH EYES AND SKIN. AVOID BREATHING VAPORS. USE CAUTION AROUND ENERGIZED EQUIPMENT. THE METAL CONTAINER WILL CONDUCT ELECTRICITY IF IT CONTACTS A LIVE SOURCE. THIS MAY RESULT IN INJURY TO THE USER FROM ELECTRICAL SHOCK AND/OR FLASH FIRE. FOR PRODUCT USE INSTRUCTIONS, PLEASE SEE THE PRODUCT LABEL.

STORAGE PROCEDURES:  
STORE IN A COOL DRY AREA OUT OF DIRECT SUNLIGHT. AEROSOL CANS MUST BE MAINTAINED BELOW 120 DEG. F / 49 DEG. C TO PREVENT CANS FROM RUPTURING.

AEROSOL STORAGE LEVEL: III

-----SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION-----

EXPOSURE GUIDELINES:

COMPONENT	OSHA		ACGIH		OTHER	UNIT
	TWA	STEL	TWA	STEL	TWA SOURCE	
HEXANE ISOMERS	500(V)	1000(V)	500	1000	NE	PPM
HEPTANE ISOMERS	500	NE	400	500	NE	PPM
n-HEXANE	500	NE	50(S)	NE	NE	PPM

SILICONE FLUID NE NE NE NE NE  
LIQUEFIED 1000 NE 1000 NE NE PPM  
PETROLEUM GAS

N.E. - NOT ESTABLISHED  
(C) - CEILING  
(S) - SKIN  
(V) - VACATED

CONTROLS AND PROTECTION:

ENGINEERING CONTROLS:  
AREA SHOULD HAVE VENTILATION TO PROVIDE FRESH AIR. LOCAL EXHAUST VENTILATION IS GENERALLY PREFERRED BECAUSE IT CAN CONTROL THE EMISSIONS OF THE CONTAMINANT AT THE SOURCE, PREVENTING DISPERSION INTO THE GENERAL WORK AREA. USE MECHANICAL MEANS IF NECESSARY TO MAINTAIN VAPOR LEVELS BELOW THE EXPOSURE GUIDELINES. IF WORKING IN A CONFINED SPACE, FOLLOW APPLICABLE OSHA REGULATIONS.

RESPIRATORY PROTECTION:  
NONE REQUIRED FOR NORMAL WORK WHERE ADEQUATE VENTILATION IS PROVIDED. IF ENGINEERING CONTROLS ARE NOT FEASIBLE OR IF EXPOSURE EXCEEDS THE APPLICABLE EXPOSURE LIMITS, USE A NIOSH-APPROVED CARTRIDGE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE. AIR MONITORING IS NEEDED TO DETERMINE ACTUAL EMPLOYEE EXPOSURE LEVELS. USE A SELF-CONTAINED BREATHING APPARATUS IN CONFINED SPACES AND FOR EMERGENCIES.

EYE/FACE PROTECTION:  
FOR NORMAL CONDITIONS, WEAR SAFETY GLASSES. WHERE THERE IS REASONABLE PROBABILITY OF LIQUID CONTACT, WEAR SPLASH-PROOF GOGGLES.

SKIN PROTECTION:  
USE PROTECTIVE GLOVES SUCH AS NITRILE, PVA OR VITON. ALSO, USE FULL PROTECTIVE CLOTHING IF THERE IS PROLONGED OR REPEATED CONTACT OF LIQUID WITH SKIN.

-----SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES -----

PHYSICAL STATE: GEL / PASTE  
COLOR: TRANSLUCENT TO OPAQUE  
ODOR: SOLVENT  
ODOR THRESHOLD: ND  
SPECIFIC GRAVITY: 0.646  
INITIAL BOILING POINT: 140 DEG. F / 60 DEG. C  
FREEZING POINT: ND  
VAPOR PRESSURE: ND  
VAPOR DENSITY: >1 (AIR = 1)  
EVAPORATION RATE: FAST  
SOLUBILITY: NEGLIGIBLE IN WATER  
COEFFICIENT OF WATER/OIL DISTRIBUTION: ND  
pH: NA  
VOLATILE ORGANIC COMPOUNDS:  
WT %: 90.15  
G/L: 582  
LBS./GAL: 4.85

-----SECTION 10: STABILITY AND REACTIVITY -----

STABILITY: STABLE  
CONDITIONS TO AVOID: SOURCES OF IGNITION, TEMPERATURE EXTREMES  
INCOMPATIBLE MATERIALS: STRONG OXIDIZERS, STRONG ACIDS  
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON  
POSSIBILITY OF HAZARDOUS REACTIONS: NO

-----SECTION 11: TOXICOLOGICAL INFORMATION -----

LONG-TERM TOXICOLOGICAL STUDIES HAVE NOT BEEN CONDUCTED FOR THIS PRODUCT. THE FOLLOWING INFORMATION IS AVAILABLE FOR COMPONENTS OF THIS PRODUCT.

ACUTE TOXICITY:

COMPONENT	ORAL LD50 (RAT)	DERMAL LD50 (RABBIT)	INHALATION LC50
HEXANE ISOMERS	NO DATA	NO DATA	NO DATA
HEPTANE ISOMERS	NO DATA	NO DATA	103 G/M3/4H
n-HEXANE	28,710 MG/KG	3000 MG/KG	48,000 PPM/4H
SILICONE FLUID	NO DATA	NO DATA	NO DATA
LIQUEFIED PETROLEUM GAS	NO DATA	NO DATA	NO DATA

CHRONIC TOXICITY:

COMPONENT	OSHA CARCINOGEN	IARC CARCINOGEN	NTP CARCINOGEN	IRRITANT	SENSITIZER
HEXANE ISOMERS	NO	NO	NO	E & S (MILD)	UNKNOWN
HEPTANE ISOMERS	NO	NO	NO	E (MILD) / S (MODERATE) / R (MILD)	UNKNOWN
n-HEXANE	NO	NO	NO	E, S & R	UNKNOWN

(MODERATE)

SILICONE FLUID NO NO NO NO UNKNOWN  
LIQUEFIED NO NO NO NO NO  
PETROLEUM GAS  
E - EYE  
S - SKIN  
R - RESPIRATORY

REPRODUCTIVE TOXICITY: NO INFORMATION AVAILABLE  
TERATOGENICITY: NO INFORMATION AVAILABLE  
MUTAGENICITY: NO INFORMATION AVAILABLE  
SYNERGISTIC EFFECTS: NO INFORMATION AVAILABLE

-----SECTION 12: ECOLOGICAL INFORMATION -----

ECOLOGICAL STUDIES HAVE NOT BEEN CONDUCTED FOR THIS PRODUCT. THE FOLLOWING INFORMATION IS AVAILABLE FOR COMPONENTS OF THIS PRODUCT.

ECOTOXICITY:

n-HEXANE:  
48 HR EC50 WATER FLEA: 3.87 MG/L  
96 HR LC50 LEPOMIS MACROCHIRUS: 4.12 MG/L

n-HEPTANE:  
24 HR EC50 DAPHNIA MAGNA: >10 MG/L

PERSISTENCE / DEGRADABILITY: NO INFORMATION AVAILABLE  
BIOACCUMULATION / ACCUMULATION: NO INFORMATION AVAILABLE  
MOBILITY IN ENVIRONMENT: NO INFORMATION AVAILABLE

-----SECTION 13: DISPOSAL CONSIDERATIONS -----

WASTE CLASSIFICATION:  
THE DISPENSED LIQUID PRODUCT IS A RCRA HAZARDOUS WASTE FOR THE CHARACTERISTIC OF IGNITABILITY WITH A WASTE CODE OF D001. (SEE 40 CFR PART 261.20 - 261.33)

EMPTY AEROSOL CONTAINERS MAY BE RECYCLED. ANY LIQUID PRODUCT SHOULD BE MANAGED AS A HAZARDOUS WASTE.

ALL DISPOSAL ACTIVITIES MUST COMPLY WITH FEDERAL, STATE, PROVINCIAL AND LOCAL REGULATIONS. LOCAL REGULATIONS MAY BE MORE STRINGENT THAN STATE, PROVINCIAL OR NATIONAL REQUIREMENTS.

-----SECTION 14: TRANSPORT INFORMATION -----

US DOT (GROUND): CONSUMER COMMODITY, ORM-D  
ICAO/IATA (AIR): CONSUMER COMMODITY, ID8000, 9  
IMO/IMDG (WATER): AEROSOLS, UN1950, 2.1, LIMITED QUANTITY  
SPECIAL PROVISIONS: NONE

-----SECTION 15: REGULATORY INFORMATION -----

U.S. FEDERAL REGULATIONS:

TOXIC SUBSTANCES CONTROL ACT (TSCA):  
ALL INGREDIENTS ARE EITHER LISTED ON THE TSCA INVENTORY OR ARE EXEMPT.

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA):

REPORTABLE QUANTITIES (RQ'S) EXIST FOR THE FOLLOWING INGREDIENTS:  
n-HEXANE (5000 LBS)

SPILLS OR RELEASES RESULTING IN THE LOSS OF ANY INGREDIENT AT OR ABOVE ITS RQ REQUIRE IMMEDIATE NOTIFICATION TO THE NATIONAL RESPONSE CENTER (800-424-8802) AND TO YOUR LOCAL EMERGENCY PLANNING COMMITTEE.

SUPERFUND AMENDMENTS REAUTHORIZATION ACT (SARA) TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (EHS): NONE

SECTION 311/312 HAZARD CATEGORIES:  
FIRE HAZARD: YES  
REACTIVE HAZARD: NO  
RELEASE OF PRESSURE: YES  
ACUTE HEALTH HAZARD: YES  
CHRONIC HEALTH HAZARD: YES

SECTION 313 TOXIC CHEMICALS:

THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372: n-HEXANE (2.2%)

CLEAN AIR ACT:  
SECTION 112 HAZARDOUS AIR POLLUTANTS (HAPS): n-HEXANE

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION:  
THIS PRODUCT IS REGULATED BY THE HAZARD COMMUNICATIONS STANDARD.

U.S. STATE REGULATIONS:

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROP 65):

THIS PRODUCT MAY CONTAIN THE FOLLOWING CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: NONE

CONSUMER PRODUCTS VOC REGULATIONS: THIS PRODUCT IS NOT REGULATED

STATE RIGHT TO KNOW:

NEW JERSEY:  
75-83-2, 109-66-0, 78-78-4, 94-37-7, 110-54-3, 79-29-8, 68476-86-8,  
142-82-5, 110-82-7

PENNSYLVANIA:  
107-83-5, 75-83-2, 110-54-3, 79-29-8, 68476-86-8, 142-82-5, 110-82-7

MASSACHUSETTS:  
107-83-5, 75-83-2, 110-54-3, 79-29-8, 68476-86-8, 142-82-5, 110-82-7

RHODE ISLAND: 110-54-3, 68476-86-8, 142-82-5, 110-82-7

CANADIAN REGULATIONS:

CONTROLLED PRODUCTS REGULATIONS:  
THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF  
THE CONTROLLED PRODUCT REGULATION AND THE MSDS CONTAINS ALL THE INFORMATION  
REQUIRED BY THE CONTROLLED PRODUCTS REGULATIONS.

WHMIS HAZARD CLASS: A, B5, D2B

CANADIAN DSL INVENTORY:  
ALL INGREDIENTS ARE EITHER LISTED ON THE DSL INVENTORY OR ARE EXEMPT.

EUROPEAN UNION REGULATIONS:

ROHS COMPLIANCE:  
THIS PRODUCT IS COMPLIANT WITH DIRECTIVE 2002/95/EC OF THE EUROPEAN  
PARLIAMENT AND OF THE COUNCIL OF 27 JANUARY 2003. THIS PRODUCT DOES NOT  
CONTAIN ANY OF THE RESTRICTED SUBSTANCES AS LISTED IN ARTICLE 4(1) OF THE  
ROHS DIRECTIVE.

ADDITIONAL REGULATORY INFORMATION: NONE

-----SECTION 16: OTHER INFORMATION -----

HMIS(R\*) (II):  
HEALTH: 2  
FLAMMABILITY 3  
REACTIVITY 0  
PPE B

NFPA:  
2  
3  
0

RATINGS RANGE FROM 0 (NO HAZARD) TO 4 (SEVERE HAZARD)

PREPARED BY: MICHELLE RUDNICK

CRC #: 438B

REVISION DATE: 04/25/2011

CHANGES SINCE LAST REVISION:  
MSDS REFORMATTED TO MEET THE REQUIREMENTS OF THE CANADIAN CONTROLLED  
PRODUCTS REGULATIONS.

THE INFORMATION CONTAINED IN THIS DOCUMENT APPLIES TO THIS SPECIFIC MATERIAL  
AS SUPPLIED. IT MAY NOT BE VALID FOR THIS MATERIAL IF IT IS USED IN  
COMBINATION WITH ANY OTHER MATERIALS. THIS INFORMATION IS ACCURATE TO THE  
BEST OF CRC INDUSTRIES' KNOWLEDGE OR OBTAINED FROM SOURCES BELIEVED BY CRC  
TO BE ACCURATE. BEFORE USING ANY PRODUCT, READ ALL WARNINGS AND DIRECTIONS  
ON THE LABEL. FOR FURTHER CLARIFICATION OF ANY INFORMATION CONTAINED ON THIS  
MSDS CONSULT YOUR SUPERVISOR, A HEALTH & SAFETY PROFESSIONAL, OR CRC  
INDUSTRIES.

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS  
CAS: CHEMICAL ABSTRACT SERVICE  
CFR: CODE OF FEDERAL REGULATIONS  
DOT: DEPARTMENT OF TRANSPORTATION  
DSL: DOMESTIC SUBSTANCE LIST  
G/L: GRAMS PER LITER  
HMIS: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM  
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER  
IATA: INTERNATIONAL AIR TRANSPORT ASSOCIATION  
ICAO: INTERNATIONAL CIVIL AVIATION ORGANIZATION  
IMDG: INTERNATIONAL MARITIME DANGEROUS GOODS  
IMO: INTERNATIONAL MARITIME ORGANIZATION  
LBS./GAL: POUNDS PER GALLON  
LC: LETHAL CONCENTRATION  
LD: LETHAL DOSE  
NA: NOT APPLICABLE  
ND: NOT DETERMINED  
NIOSH: NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY & HEALTH  
NFPA: NATIONAL FIRE PROTECTION ASSOCIATION  
NTP: NATIONAL TOXICOLOGY PROGRAM  
OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION  
PMCC: PENSKY-MARTENS CLOSED CUP  
PPE: PERSONAL PROTECTION EQUIPMENT  
PPM: PARTS PER MILLION  
ROHS: RESTRICTION OF HAZARDOUS SUBSTANCES  
STEL: SHORT TERM EXPOSURE LIMIT  
TCC: TAG CLOSED CUP  
TWA: TIME WEIGHTED AVERAGE  
WHMIS: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM