

# Class C Solutions Group

A business of MSC Industrial Supply Co.

## Safety Data Sheet

### Supply Co. - 64708001 BD1065 PAINT REMOVER

Document Nbr: 082632  
Class C Parts IDs BD1065,BD1065-1

SAFETY DATA SHEET.

ISSUING DATE: 14-APR-2015

REVISION DATE: 13-JUN-2015

VERSION: 1.01

-----1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE -----  
COMPANY/UNDERTAKING

PRODUCT IDENTIFIER:

PRODUCT NAME: 64708001 BD1065 PAINT REMOVER

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:

PRODUCT CODE: F01562

PRODUCT TYPE: EXTREMELY FLAMMABLE AEROSOL

SYNONYMS: NONE

SUPPLIER'S DETAILS:

RECOMMENDED USE: PAINT/VARNISH REMOVER.

USES ADVISED AGAINST: NO INFORMATION AVAILABLE

MANUFACTURER:

AMERICAN JETWAY CORPORATION  
34136 MYRTLE STREET  
WAYNE, MI 48184-0126

DISTRIBUTOR:

CLASS C SOLUTIONS GROUP

A BUSINESS OF MSC INDUSTRIAL SUPPLY CO.  
75 MAXESS ROAD  
MELVILLE, NY 11747-3151  
1-866-438-6767

EMERGENCY TELEPHONE NUMBER:

CHEMICAL EMERGENCY PHONE NUMBER:  
CHEMTREC: 1-800-262-8200 ID 1195

COMPANY EMERGENCY PHONE NUMBER: 734-721-5930

-----2. HAZARDS IDENTIFICATION -----

CLASSIFICATION:

SKIN CORROSION/IRRITATION: CATEGORY 2  
SERIOUS EYE DAMAGE/EYE IRRITATION: CATEGORY 2A  
GERM CELL MUTAGENICITY: CATEGORY 1B  
CARCINOGENICITY: CATEGORY 2  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE): CATEGORY 1  
FLAMMABLE AEROSOLS: CATEGORY 1  
GASES UNDER PRESSURE: COMPRESSED GAS

GHS LABEL ELEMENTS, INCLUDING:

PRECAUTIONARY STATEMENTS:

EMERGENCY OVERVIEW:

DANGER

HAZARD STATEMENTS:

CAUSES SKIN IRRITATION

CAUSES SERIOUS EYE IRRITATION

MAY CAUSE GENETIC DEFECTS

SUSPECTED OF CAUSING CANCER

CAUSES DAMAGE TO ORGANS (BLOOD, CENTRAL NERVOUS SYSTEM, CENTRAL VASCULAR  
SYSTEM, EYES, GASTROINTESTINAL TRACT

LIVER, REPRODUCTIVE SYSTEM, RESPIRATORY SYSTEM, AND SKIN) THROUGH PROLONGED OR  
REPEATED EXPOSURE.

EXTREMELY FLAMMABLE AEROSOL

CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED

EXCLAMATION MARK

HEALTH HAZARD  
FLAME  
GAS CYLINDER

APPEARANCE: CLEAR

PHYSICAL STATE: AEROSOL

ODOR: SOLVENT

PRECAUTIONARY STATEMENTS - PREVENTION:

OBTAIN SPECIAL INSTRUCTIONS BEFORE USE

DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD

WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION

WASH FACE, HANDS AND ANY EXPOSED SKIN THOROUGHLY AFTER HANDLING

DO NOT BREATHE DUST/FUME/GAS/MIST/VAPORS/SPRAY

DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT

KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING

DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE

PRESSURIZED CONTAINER: DO NOT PIERCE OR BURN, EVEN AFTER USE

PRECAUTIONARY STATEMENTS - RESPONSE:

SPECIFIC TREATMENT (SEE FIRST AID ON THIS LABEL)

IF EXPOSED: CALL A POISON CENTER OR DOCTOR/PHYSICIAN

IF IN EYES:

RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION

IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.

IF SKIN IRRITATION OCCURS:

GET MEDICAL ADVICE/ATTENTION

TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE

PRECAUTIONARY STATEMENTS - STORAGE:

STORE LOCKED UP

PROTECT FROM SUNLIGHT. STORE IN A WELL-VENTILATED PLACE

DO NOT EXPOSE TO TEMPERATURES EXCEEDING 122 DEG. F (50 DEG. C)

PRECAUTIONARY STATEMENTS - DISPOSAL:

DISPOSE OF CONTENTS/CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): NONE

OTHER INFORMATION:

3E-05% OF THE MIXTURE CONSISTS OF INGREDIENT(S) OF UNKNOWN TOXICITY

-----3. COMPOSITION/INFORMATION ON INGREDIENTS -----

CHEMICAL NAME	CAS-NO	WEIGHT %*
DICHLOROMETHANE	75-09-2	60-70
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	20-30
METHANOL	67-56-1	1-10
PROPYLENE OXIDE	75-56-9	0.1-1

\*THE EXACT PERCENTAGE (CONCENTRATION) OF COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET.

-----4. FIRST AID MEASURES -----

FIRST AID MEASURES FOR DIFFERENT EXPOSURE ROUTES:

GENERAL ADVICE:

AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. AVOID BREATHING, VAPORS, MIST, OR GAS.

EYE CONTACT:

IMMEDIATELY FLUSH WITH PLENTY OF WATER. AFTER INITIAL FLUSHING, REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING FOR AT LEAST 15 MINUTES. SEEK IMMEDIATE MEDICAL ATTENTION/ADVICE.

SKIN CONTACT:

WASH OFF IMMEDIATELY WITH SOAP AND PLENTY OF WATER. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE RE-USE. GET MEDICAL ATTENTION IMMEDIATELY IF SYMPTOMS OCCUR.

INHALATION:

MOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING HAS STOPPED, CONTACT EMERGENCY MEDICAL SERVICES IMMEDIATELY.

INGESTION:

DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. RISK OF PRODUCT ENTERING THE LUNGS ON VOMITING AFTER INGESTION.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

MAIN SYMPTOMS:

CAUSES SKIN AND EYE IRRITATION. MAY CAUSE RESPIRATORY IRRITATION. DIFFICULTY BREATHING.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:

NOTES TO PHYSICIAN: TREAT SYMPTOMATICALLY.

-----5. FIRE-FIGHTING MEASURES -----

SUITABLE EXTINGUISHING MEDIA:

WATER FOG.DRY CHEMICAL. CARBON DIOXIDE (CO<sub>2</sub>). COOL CONTAINERS/TANKS WITH WATER SPRAY.

UNSUITABLE EXTINGUISHING MEDIA:

DECOMPOSITION BY CONTACT WITH WATER MAY GENERATE VAPORS WHICH CAN BE IGNITED BY HEAT OR OPEN FLAME.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

KEEP PRODUCT AND EMPTY CONTAINER AWAY FROM HEAT AND SOURCES OF IGNITION. IN THE EVENT OF FIRE AND/OR EXPLOSION DO NOT BREATHE FUMES. EXTREMELY FLAMMABLE.

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT: NONE.

SENSITIVITY TO STATIC DISCHARGE: YES.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

-----6. ACCIDENTAL RELEASE MEASURES -----

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

PERSONAL PRECAUTIONS:

AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. AVOID BREATHING VAPORS OR MISTS. USE WITH ADEQUATE VENTILATION. KEEP CONTAINER AWAY FROM HEAT, FLAMES, AND ALL OTHER SOURCES OF IGNITION.

ENVIRONMENTAL PRECAUTIONS:

ENVIRONMENTAL PRECAUTIONS:

BEWARE OF VAPORS ACCUMULATING TO FORM EXPLOSIVE CONCENTRATIONS. VAPORS CAN ACCUMULATE IN LOW AREAS. PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. DO NOT ALLOW MATERIAL TO CONTAMINATE GROUND WATER SYSTEM. PREVENT PRODUCT FROM ENTERING DRAINS.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

METHODS FOR CONTAINMENT:

ABSORB SPILL WITH INERT MATERIAL (E.G. DRY SAND OR EARTH), THEN PLACE IN A CHEMICAL WASTE CONTAINER. SPILLS AND LEAKS ARE NOT LIKELY.

METHODS FOR CLEANING UP:

PICK UP AND TRANSFER TO PROPERLY LABELED CONTAINERS. SOAK UP WITH INERT ABSORBENT MATERIAL. CLEAN CONTAMINATED SURFACE THOROUGHLY. AFTER CLEANING, FLUSH AWAY TRACES WITH WATER. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.

-----7. HANDLING AND STORAGE -----

PRECAUTIONS FOR SAFE HANDLING:

ADVICE ON SAFE HANDLING:

AVOID CONTACT WITH EYES. AVOID BREATHING VAPORS OR MISTS. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE OR INCINERATE CANS. DO NOT STICK PIN OR ANY OTHER SHARP OBJECT INTO OPENING ON TOP OF CAN.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

TECHNICAL MEASURES/STORAGE CONDITIONS:

KEEP AWAY FROM OPEN FLAMES, HOT SURFACES AND SOURCES OF IGNITION. KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE. KEEP IN PROPERLY LABELED CONTAINERS. KEEP OUT OF THE REACH OF CHILDREN. STORE LOCKED UP.

INCOMPATIBLE PRODUCTS: STRONG ACIDS, ALKALIS, OR OXIDIZING AGENTS.

AEROSOL LEVEL: 1

-----8. EXPOSURE CONTROLS/PERSONAL PROTECTION -----

CONTROL PARAMETERS:

EXPOSURE GUIDELINES:

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
DICHLOROMETHANE 75-09-2	TWA: 50 PPM	TWA: 25 PPM (VACATED) TWA: 500 PPM (VACATED) STEL: 2000 PPM 5 MIN IN ANY 3 H (VACATED) CEILING: 1000 PPM STEL: 125 PPM SEE 29 CFR 1910.1052	IDLH: 2300 PPM
PROPANE/ ISOBUTANE/ N-BUTANE 68476-86-8	74-98-6: TWA: 1000 PPM 106-97-8: STEL: 1000 PPM 75-28-5: STEL: 1000 PPM	74-98-6: TWA: 1000 PPM TWA: 1800 MG/M3 (VACATED) TWA: 1000 PPM (VACATED) TWA: 1800 MG/M3 106-97-8: (VACATED) TWA: 800 PPM (VACATED) TWA: 1900 MG/M3	74-98-6: IDLH: 2100 PPM TWA: 1000 PPM TWA: 1800 MG/M3 106-97-8: TWA: 800 PPM TWA: 1900 MG/M3 75-28-5: TWA: 800 PPM TWA: 1900 MG/M3
METHANOL 67-56-1	STEL: 250 PPM TWA: 200 PPM SKIN - POTENTIAL	TWA: 200 PPM TWA: 260 MG/M3 (VACATED) TWA: 200 PPM (VACATED) TWA: 260 MG/M3	IDLH: 6000 PPM TWA: 200 PPM TWA: 260 MG/M3 STEL: 250 PPM

SIGNIFICANT (VACATED) STEL: 250 PPM STEL: 325 MG/M3  
CONTRIBUTION (VACATED) STEL: 325 MG/M3  
TO OVERALL (VACATED) S\*  
EXPOSURE BY  
THE CUTANEOUS  
ROUTE

PROPYLENE OXIDE TWA: 2 PPM TWA: 100 PPM IDLH: 400 PPM  
75-56-9 TWA: 240 MG/M3  
(VACATED) TWA: 20 PPM  
(VACATED) TWA: 50 MG/M3

ACGIH: (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS)

OSHA: (OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION)

NIOSH IDLH: IMMEDIATELY DANGEROUS TO LIFE OR HEALTH

OTHER EXPOSURE GUIDELINES:

VACATED LIMITS REVOKED BY THE COURT OF APPEALS DECISION IN AFL-CIO V. OSHA, 965 F.2D 962 (11TH CIR., 1992).

EXPOSURE CONTROLS:

ENGINEERING MEASURES:

SHOWERS

EYEWASH STATIONS

VENTILATION SYSTEMS.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: SAFETY GLASSES WITH SIDE-SHIELDS.

SKIN AND BODY PROTECTION: CHEMICAL RESISTANT APRON. PROTECTIVE GLOVES.

RESPIRATORY PROTECTION:

IF EXPOSURE LIMITS ARE EXCEEDED OR IRRITATION IS EXPERIENCED, NIOSH/MSHA APPROVED RESPIRATORY PROTECTION SHOULD BE WORN. POSITIVE-PRESSURE SUPPLIED AIR RESPIRATORS MAY BE REQUIRED FOR HIGH AIRBORNE CONTAMINANT CONCENTRATIONS. RESPIRATORY PROTECTION MUST BE PROVIDED IN ACCORDANCE WITH CURRENT LOCAL REGULATIONS.

HYGIENE MEASURES:

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.

-----9. PHYSICAL AND CHEMICAL PROPERTIES -----

PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE: AEROSOL

APPEARANCE: CLEAR

ODOR: SOLVENT

COLOR: NO INFORMATION AVAILABLE

ODOR THRESHOLD: NO INFORMATION AVAILABLE

PROPERTY	VALUES	REMARKS - METHODS
PH	NO INFORMATION AVAILABLE	
MELTING/FREEZING POINT	NO INFORMATION AVAILABLE	
BOILING POINT/BOILING RANGE	NO INFORMATION AVAILABLE	
FLASH POINT	-97 DEG. C / -142 DEG. F	BASED ON PROPELLANT
EVAPORATION RATE	NO INFORMATION AVAILABLE	
FLAMMABILITY (SOLID, GAS)	NO INFORMATION AVAILABLE	
FLAMMABILITY LIMITS IN AIR:		
UPPER FLAMMABILITY LIMIT	NO INFORMATION AVAILABLE	
LOWER FLAMMABILITY LIMIT	NO INFORMATION AVAILABLE	
VAPOR PRESSURE	NO INFORMATION AVAILABLE	
VAPOR DENSITY	NO INFORMATION AVAILABLE	
SPECIFIC GRAVITY	1.058	
WATER SOLUBILITY	PRACTICALLY INSOLUBLE	
PARTITION COEFFICIENT N-OCTANOL/WATER	NO INFORMATION AVAILABLE	
AUTOIGNITION TEMPERATURE	NO INFORMATION AVAILABLE	NOT APPLICABLE
DECOMPOSITION TEMPERATURE	NO INFORMATION AVAILABLE	
VISCOSITY	NO INFORMATION AVAILABLE	
EXPLOSIVE PROPERTIES	NO INFORMATION AVAILABLE	
OTHER INFORMATION:		
VOC CONTENT(%)	31.69	
MIR VALUE	0.29	

-----10. STABILITY AND REACTIVITY -----



REACTIVITY: NO DATA AVAILABLE

CHEMICAL STABILITY: STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS: NONE UNDER NORMAL PROCESSING.

CONDITIONS TO AVOID: EXTREMES OF TEMPERATURE AND DIRECT SUNLIGHT.

INCOMPATIBLE MATERIALS: STRONG ACIDS, ALKALIS, OR OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON OXIDES. FUMES. HYDROCARBONS.

-----11. TOXICOLOGICAL INFORMATION -----

INFORMATION ON LIKELY ROUTES OF EXPOSURE:

PRODUCT INFORMATION:

INHALATION:

VAPORS MAY IRRITATE THROAT AND RESPIRATORY SYSTEM. MAY CAUSE DROWSINESS AND DIZZINESS BASED ON COMPONENTS. MAY CAUSE IRRITATION OF RESPIRATORY TRACT. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING CONTENTS MAY BE HARMFUL OR FATAL. ASPIRATION INTO LUNGS CAN PRODUCE SEVERE LUNG DAMAGE.

EYE CONTACT: IRRITATING TO EYES. AVOID CONTACT WITH EYES.

SKIN CONTACT:

IRRITATING TO SKIN. REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING. PROLONGED SKIN CONTACT MAY DEFAT THE SKIN AND PRODUCE DERMATITIS. AVOID CONTACT WITH SKIN.

INGESTION:

MAY BE HARMFUL OR FATAL IF SWALLOWED. ASPIRATION INTO THE LUNGS DURING SWALLOWING MAY CAUSE SERIOUS LUNG DAMAGE WHICH MAY BE FATAL.

COMPONENT INFORMATION:

CHEMICAL NAME	LD50 ORAL	LD50 DERMAL	LC50 INHALATION
DICHLOROMETHANE 75-09-2	= 1600 MG/KG (RAT)		= 53 MG/L (RAT) 6 H
METHANOL 67-56-1	= 6200 MG/KG (RAT)		= 22500 PPM (RAT) 8 H
PROPYLENE OXIDE 75-56-9	= 520 MG/KG (RAT)	= 1244 MG/KG (RABBIT)	= 0.948 MG/L (RAT) 4 H

INFORMATION ON TOXICOLOGICAL EFFECTS:

SYMPTOMS:

SYMPTOMS OF OVEREXPOSURE MAY BE HEADACHE, DIZZINESS, TIREDNESS, NAUSEA, AND

VOMITING. CAUSES SKIN AND EYE IRRITATION. MAY CAUSE RESPIRATORY SYSTEM IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY CAUSE DERMATITIS. NOT ACUTELY TOXIC. ASPIRATION INTO THE LUNGS DURING SWALLOWING MAY CAUSE SERIOUS LUNG DAMAGE WHICH MAY BE FATAL.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:

SKIN CORROSION/IRRITATION: IRRITATING TO SKIN.

EYE DAMAGE/IRRITATION: IRRITATING TO EYES.

IRRITATION: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SENSITIZATION: NONE KNOWN.

GERM CELL MUTAGENICITY: MAY CAUSE GENETIC DEFECTS.

CARCINOGENICITY:

THE TABLE BELOW INDICATES WHETHER EACH AGENCY HAS EVALUATED A LISTED INGREDIENT AS A CARCINOGEN.

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
DICHLOROMETHANE 75-09-2	A3	GROUP 2A	REASONABLY ANTICIPATED	
PROPYLENE OXIDE 75-56-9	A3	GROUP 2B	REASONABLY ANTICIPATED	

ACGIH: (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS)  
A3 - ANIMAL CARCINOGEN

IARC: (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER)  
GROUP 2A - PROBABLY CARCINOGENIC TO HUMANS  
GROUP 2B - POSSIBLY CARCINOGENIC TO HUMANS

NTP: (NATIONAL TOXICITY PROGRAM)  
REASONABLY ANTICIPATED - REASONABLY ANTICIPATED TO BE A HUMAN CARCINOGEN

OSHA: (OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION)  
X - PRESENT

REPRODUCTIVE TOXICITY:  
THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR SUSPECTED REPRODUCTIVE HAZARDS.

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE):  
CAUSES DAMAGE TO TARGET ORGANS LISTED BELOW.

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE):  
NONE UNDER NORMAL USE CONDITIONS.

CHRONIC TOXICITY:

INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING CONTENTS MAY BE HARMFUL OR FATAL. CHRONIC HYDROCARBON ABUSE HAS BEEN ASSOCIATED WITH IRREGULAR HEART RHYTHMS AND POTENTIAL CARDIAC ARREST. PROLONGED SKIN CONTACT MAY DEFAT THE SKIN AND PRODUCE DERMATITIS.

TARGET ORGAN EFFECTS:

CENTRAL NERVOUS SYSTEM, CENTRAL VASCULAR SYSTEM (CVS), EYES, GASTROINTESTINAL TRACT (GI), LIVER, LUNGS, RESPIRATORY SYSTEM, SKIN.

NEUROLOGICAL EFFECTS:

INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING CONTENTS MAY BE HARMFUL OR FATAL.

ASPIRATION HAZARD: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

NUMERICAL MEASURES OF TOXICITY - PRODUCT INFORMATION:

UNKNOWN ACUTE TOXICITY:

3E-05% OF THE MIXTURE CONSISTS OF INGREDIENT(S) OF UNKNOWN TOXICITY

THE FOLLOWING VALUES ARE CALCULATED BASED ON CHAPTER 3.1 OF THE GHS DOCUMENT.

ATEMIX (ORAL): 3571 MG/KG

ATEMIX (DERMAL): 10769 MG/KG

ATEMIX (INHALATION-DUST/MIST): 18 MG/L

-----12. ECOLOGICAL INFORMATION -----

ECOTOXICITY:

CHEMICAL NAME	TOXICITY TO ALGAE	TOXICITY TO FISH	TOXICITY TO MICROORGANISMS	TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES
DICHLOROMETHANE 75-09-2	500 MG/L EC50 PSEUDOKIRCHNERIELLA SUBCAPITATA 96H 500 MG/L EC50 PSEUDOKIRCHNERIELLA SUBCAPITATA 72H	140.8 - 277.8 MG/L LC50 PIMEPHALES PROMELAS 96H FLOW-THROUGH 262 - 855 MG/L LC50 PIMEPHALES PROMELAS 96H STATIC 193 MG/L LC50 LEPOMIS MACROCHIRUS 96H FLOW-THROUGH 193 MG/L LC50 LEPOMIS		1532 - 1847 MG/L EC50 DAPHNIA MAGNA 48H STATIC 190 MG/L EC50 DAPHNIA MAGNA 48H

MACROCHIRUS  
96H STATIC

PROPANE/  
ISOBUTANE/  
N-BUTANE  
68476-86-8

METHANOL  
67-56-1

13500 - 17600  
MG/L LC50  
LEPOMIS  
MACROCHIRUS 96H  
FLOW-THROUGH 18  
- 20 ML/L LC50  
ONCORHYNCHUS  
MYKISS 96H  
STATIC 19500 -  
20700 MG/L LC50  
ONCORHYNCHUS  
MYKISS 96H  
FLOW-THROUGH  
28200 MG/L LC50  
PIMEPHALES  
PROMELAS 96H  
FLOW-THROUGH  
100 MG/L LC50  
PIMEPHALES  
PROMELAS 96H  
STATIC

PROPYLENE  
OXIDE  
75-56-9

240 MG/L EC50  
PSEUDOKIRCHNE-  
RIELLA  
SUBCAPITATA 96H

215 MG/L LC50  
LEPOMIS  
MACROCHIRUS  
96H STATIC

350 MG/L EC50  
DAPHNIA MAGNA  
48H

PERSISTENCE AND DEGRADABILITY: NO INFORMATION AVAILABLE.

BIOACCUMULATION: NO INFORMATION AVAILABLE.

CHEMICAL NAME	LOG POW
DICHLOROMETHANE 75-09-2	1.25
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	2.8
METHANOL 67-56-1	-0.77
PROPYLENE OXIDE 75-56-9	0.08

OTHER ADVERSE EFFECTS: NO INFORMATION AVAILABLE

-----13. DISPOSAL CONSIDERATIONS -----

WASTE TREATMENT:

WASTE DISPOSAL METHODS:

THIS MATERIAL, AS SUPPLIED, IS A HAZARDOUS WASTE ACCORDING TO FEDERAL REGULATIONS (40 CFR 261).

CONTAMINATED PACKAGING: DO NOT RE-USE EMPTY CONTAINERS.

-----14. TRANSPORT INFORMATION -----

DOT GROUND: CONSUMER COMMODITY ORM-D OR LIMITED QUANTITY

IATA: UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD. QTY.

IMDG: UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD. QTY.

-----15. REGULATORY INFORMATION -----

INTERNATIONAL INVENTORIES:

CHEMICAL NAME	TSCA	DSL/ NDSL	EINECS/ ELINCS	ENCS	IECSC	KECL	PICCS	AICS
DICHLOROMETHANE	X	X	X	X	X	X	X	X
PROPANE/ISOBUTANE/ N-BUTANE	X	X	X	NOT LISTED	X	X	X	X
METHANOL	X	X	X	X	X	X	X	X
PROPYLENE OXIDE	X	X	X	X	X	X	X	X

LEGEND:

TSCA: UNITED STATES TOXIC SUBSTANCES CONTROL ACT SECTION 8(B) INVENTORY

DSL/NDSL: CANADIAN DOMESTIC SUBSTANCES LIST/NON-DOMESTIC SUBSTANCES LIST

EINECS/ELINCS:

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES/EU LIST OF NOTIFIED CHEMICAL SUBSTANCES

ENCS: JAPAN EXISTING AND NEW CHEMICAL SUBSTANCES

CHINA: CHINA INVENTORY OF EXISTING CHEMICAL SUBSTANCES

KECL: KOREAN EXISTING AND EVALUATED CHEMICAL SUBSTANCES

PICCS: PHILIPPINES INVENTORY OF CHEMICALS AND CHEMICAL SUBSTANCES

AICS: AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES

U.S. FEDERAL REGULATIONS:

SARA 313:

SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA). THIS PRODUCT CONTAINS A CHEMICAL OR CHEMICALS WHICH ARE SUBJECT TO THE REPORTING REQUIREMENTS OF THE ACT AND TITLE 40 OF THE CODE OF FEDERAL REGULATIONS, PART 372:

CHEMICAL NAME	CAS-NO	WEIGHT %*	SARA 313 - THRESHOLD VALUES %
DICHLOROMETHANE - 75-09-2	75-09-2	60-70	0.1
METHANOL - 67-56-1	67-56-1	1-10	1.0
PROPYLENE OXIDE - 75-56-9	75-56-9	0.1-1	0.1

SARA 311/312 HAZARD CATEGORIES:

ACUTE HEALTH HAZARD: YES

CHRONIC HEALTH HAZARD: YES

FIRE HAZARD: YES

REACTIVE HAZARD: NO

SUDDEN RELEASE OF PRESSURE HAZARD: YES

CLEAN WATER ACT:

THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES WHICH ARE REGULATED POLLUTANTS PURSUANT TO THE CLEAN WATER ACT (40 CFR 122.21 AND 40 CFR 122.42):

CHEMICAL NAME	CWA - REPORTABLE QUANTITIES	CWA - TOXIC POLLUTANTS	CWA - PRIORITY POLLUTANTS	CWA - HAZARDOUS SUBSTANCES
DICHLOROMETHANE 75-09-2		X	X	
PROPYLENE OXIDE 75-56-9	100 LB			X

CERCLA:

THIS MATERIAL, AS SUPPLIED, CONTAINS ONE OR MORE SUBSTANCES REGULATED AS A HAZARDOUS SUBSTANCE UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA) (40 CFR 302):

CHEMICAL NAME	HAZARDOUS SUBSTANCES RQS	EXTREMELY HAZARDOUS SUBSTANCES RQS	RQ
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DICHLOROMETHANE 1000 LB 1 LB  
75-09-2

RQ 1000 LB FINAL RQ  
RQ 454 KG FINAL RQ  
RQ 1 LB FINAL RQ  
RQ 0.454 KG FINAL  
RQ

METHANOL 5000 LB  
67-56-1

RQ 5000 LB FINAL RQ  
RQ 2270 KG FINAL RQ

PROPYLENE OXIDE 100 LB 100 LB  
75-56-9

RQ 100 LB FINAL RQ  
RQ 45.4 KG FINAL RQ

U.S. STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:

THIS PRODUCT CONTAINS THE FOLLOWING PROPOSITION 65 CHEMICALS:

CHEMICAL NAME CALIFORNIA PROP. 65

DICHLOROMETHANE - 75-09-2 CARCINOGEN

METHANOL - 67-56-1 CARCINOGEN

PROPYLENE OXIDE - 75-56-9 CARCINOGEN

U.S. STATE RIGHT-TO-KNOW REGULATIONS:

CHEMICAL NAME NEW JERSEY MASSACHUSETTS PENNSYLVANIA

DICHLOROMETHANE X X X  
75-09-2

METHANOL X X X  
67-56-1

PROPYLENE OXIDE X X X  
75-56-9

EPA PESTICIDE REGISTRATION NUMBER: NOT APPLICABLE

CANADA:

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

A - COMPRESSED GAS

D2 - MATERIALS CAUSING OTHER TOXIC EFFECTS

B - FLAMMABLE AND COMBUSTIBLE MATERIAL

-----16. OTHER INFORMATION -----

NFPA:

HEALTH HAZARD	2
FLAMMABILITY	4
INSTABILITY	0

PHYSICAL AND CHEMICAL HAZARDS

HMIS:

HEALTH HAZARD	2
FLAMMABILITY	4
PHYSICAL HAZARD	1

PERSONAL PROTECTION B

PREPARED BY:

AMERICAN JETWAY  
34136 MYRTLE STREET  
WAYNE, MI 48184

TEL.: 734-721-5930

ISSUING DATE: 14-APR-2015

REVISION DATE: 13-JUN-2015

REVISION NOTE: NO INFORMATION AVAILABLE

DISCLAIMER:

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