

# Safety Data Sheet

## Supply Co. - BD1553 RED GREASE LOW VOC

Document Nbr: 089273  
Class C Parts IDs BD1553,BD1553-1

SAFETY DATA SHEET.

ISSUING DATE: 15-MAY-2015

REVISION DATE: 27-JUL-2015

VERSION: 2.02

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

PRODUCT IDENTIFIER:

PRODUCT NAME: BD1553 RED GREASE LOW VOC

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:

PRODUCT CODE: F02862

PRODUCT TYPE: EXTREMELY FLAMMABLE AEROSOL

SYNONYMS: NONE

SUPPLIER'S DETAILS:

RECOMMENDED USE: PENETRANT.

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

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE): CATEGORY 3

ASPIRATION TOXICITY: 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 RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS

MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS

EXTREMELY FLAMMABLE AEROSOL

CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED

EXCLAMATION MARK

HEALTH HAZARD

FLAME

GAS CYLINDER

APPEARANCE: OPAQUE

PHYSICAL STATE: AEROSOL

ODOR: SOLVENT

PRECAUTIONARY STATEMENTS - PREVENTION:

WASH FACE, HANDS AND ANY EXPOSED SKIN THOROUGHLY AFTER HANDLING

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

AVOID BREATHING DUST/FUME/GAS/MIST/VAPORS/SPRAY

USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA

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 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.

TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE

IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION

IF INHALED:

REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.

CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL

IF SWALLOWED:

IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN

DO NOT INDUCE VOMITING

PRECAUTIONARY STATEMENTS - STORAGE:

STORE LOCKED UP

STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED

PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 DEG. C/122

DEG. F

PRECAUTIONARY STATEMENTS - DISPOSAL:

DISPOSE OF CONTENTS/CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): NONE

OTHER INFORMATION:

0.25743672% OF THE MIXTURE CONSISTS OF INGREDIENT(S) OF UNKNOWN TOXICITY

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

CHEMICAL NAME	CAS-NO	WEIGHT %*
NAPHTHENIC OIL, SEVERLY HYDROT	64742-52-5	30-40
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	20-30
HYDROCARBON SOLVENT	64742-96-7	10-20
ACETONE	67-64-1	1-10

BRIGHT STOCK, SEVERELY HYDROTR 64742-57-0 1-10

METHYL ACETATE 79-20-9 1-10

XYLENE 1330-20-7 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. INHALATION CAUSING CENTRAL NERVOUS SYSTEM  
EFFECTS. INGESTION CAUSING LUNG DAMAGE.

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

NOTES TO PHYSICIAN: TREAT SYMPTOMATICALLY.

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

SUITABLE EXTINGUISHING MEDIA:

USE EXTINGUISHING MEASURES THAT ARE APPROPRIATE TO LOCAL CIRCUMSTANCES AND THE SURROUNDING ENVIRONMENT.

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: NO INFORMATION AVAILABLE.

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:

EVACUATE PERSONNEL TO SAFE AREAS. ABSORB WITH SAND, CLAY, OR OTHER SUITABLE MATERIAL. HARD SURFACES MAY BE MOPPED WITH WATER. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. ENSURE ADEQUATE VENTILATION. AVOID DUST FORMATION. REMOVE ALL SOURCES OF IGNITION. KEEP PEOPLE AWAY FROM AND UPWIND OF SPILL/LEAK. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.

OTHER INFORMATION:

ELIMINATE ALL IGNITION SOURCES (NO SMOKING, FLARES, SPARKS OR FLAMES IN IMMEDIATE AREA). WEAR PERSONAL PROTECTIVE EQUIPMENT.

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 OR COVER WITH DRY EARTH, SAND OR OTHER NON-COMBUSTIBLE MATERIAL AND  
TRANSFER TO CONTAINERS. PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO.

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 CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE. KEEP AWAY FROM OPEN FLAMES, HOT SURFACES AND SOURCES OF IGNITION. 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: 3

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

CONTROL PARAMETERS:

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
PROPANE/ISOBUTANE/	74-98-6: TWA:	74-98-6: TWA:	74-98-6:
N-BUTANE	1000 PPM	1000 PPM	IDLH: 2100 PPM
68476-86-8	106-97-8:	TWA: 1800 MG/M3	TWA: 1000 PPM
	STEL: 1000 PPM	(VACATED) TWA:	TWA: 1800 MG/M3

75-28-5: STEL: 1000 PPM                      106-97-8:  
1000 PPM                      (VACATED) TWA: TWA: 800 PPM  
1800 MG/M3                      TWA: 1900 MG/M3  
106-97-8:                      75-28-5:  
(VACATED)                      TWA: 800 PPM  
TWA: 800 PPM                      TWA: 1900 MG/M3  
(VACATED) TWA:  
1900 MG/M3

ACETONE                      STEL: 500 PPM    TWA: 1000 PPM    IDLH: 2500 PPM  
67-64-1                      TWA: 250 PPM    TWA: 2400 MG/M3    TWA: 250 PPM  
(VACATED) TWA:    TWA: 590 MG/M3  
750 PPM  
(VACATED) TWA:  
1800 MG/M3  
(VACATED) STEL:  
2400 MG/M3  
THE ACETONE  
STEL DOES NOT  
APPLY TO THE  
CELLULOSE  
ACETATE  
FIBER

INDUSTRY. IT  
IS IN EFFECT  
FOR ALL OTHER  
SECTORS  
(VACATED)  
STEL: 1000 PPM

METHYL ACETATE      STEL: 250 PPM      TWA: 200 PPM      IDLH: 3100 PPM

79-20-9      TWA: 200 PPM      TWA: 610 MG/M3      TWA: 200 PPM  
(VACATED) TWA:      TWA: 610 MG/M3  
200 PPM      STEL: 250 PPM  
(VACATED) TWA:      STEL: 760 MG/M3  
610 MG/M3  
(VACATED) STEL:  
250 PPM  
(VACATED) STEL:  
760 MG/M3

XYLENE      STEL: 150 PPM      TWA: 100 PPM

1330-20-7      TWA: 100 PPM      TWA: 435 MG/M3  
(VACATED) TWA:  
100 PPM  
(VACATED) TWA:

435 MG/M3

(VACATED)

STEL: 150 PPM

(vacated) STEL:

655 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: OPAQUE

ODOR: SOLVENT

COLOR: RED

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 / -143 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 0.809

WATER SOLUBILITY PRACTICALLY INSOLUBLE

PARTITION COEFFICIENT NO INFORMATION AVAILABLE

N-OCTANOL/WATER

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(%) 20.96

-----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: NONE KNOWN BASED ON INFORMATION SUPPLIED.

-----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. AVOID  
BREATHING VAPORS OR MISTS.

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 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
HYDROCARBON SOLVENT	>5000 MG/KG (RAT)	>2000 MG/KG (RABBIT)	>5.28 MG/L (RAT)
64742-96-7			4 H

ACETONE = 5800 MG/KG (RAT) = 50100 MG/M  
67-64-1 (RAT) 8 H

METHYL ACETATE >5 G/KG (RAT) >5 G/KG (RABBIT) = 16000 PPM  
79-20-9 (RAT) 4 H

XYLENE = 3500 MG/KG (RAT) >4350 MG/KG (RABBIT) = 29.08 MG/L  
1330-20-7 (RAT) 4 H

INFORMATION ON TOXICOLOGICAL EFFECTS:

SYMPTOMS:

SYMPTOMS OF OVEREXPOSURE MAY BE HEADACHE, DIZZINESS, TIREDNESS, NAUSEA, AND  
VOMITING. MAY BE HARMFUL IF SWALLOWED AND ENTERS LUNGS AND AIRWAYS.

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: NONE KNOWN.

CARCINOGENICITY:

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

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
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XYLENE		GROUP 3		
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1330-20-7

ACGIH(AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS)

A2 - SUSPECTED HUMAN CARCINOGEN

IARC: (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER)

GROUP 1 - CARCINOGENIC TO HUMANS

GROUP 3 - NOT CLASSIFIABLE AS TO CARCINOGENICITY IN HUMANS

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):

MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS AND DIZZINESS.

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE):

NONE UNDER NORMAL USE CONDITIONS.

CHRONIC TOXICITY:

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, EYES, 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:

0.25743672% 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): 25301 MG/KG

ATEMIX (DERMAL): 11494 MG/KG

ATEMIX (INHALATION-DUST/MIST): 1150 MG/L

ATEMIX (INHALATION-VAPOR): 406031 MG/L

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

ECOTOXICITY:

CHEMICAL NAME	TOXICITY TO ALGAE	TOXICITY TO FISH	TOXICITY TO MICROORGANISMS	TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES
NAPHTHENIC OIL,		5000 MG/L LC50		1000 MG/L EC50
SEVERLY HYDROT		ONCORHYNCHUS		DAPHNIA

64742-52-5

MYKISS 96H

MAGNA 48H

PROPANE/

ISOBUTANE/N-

BUTANE

68476-86-8

ACETONE

4.74 - 6.33

10294 - 17704

67-64-1

ML/L LC50

MG/L EC50

ONCORHYNCHUS

DAPHNIA MAGNA

MYKISS 96H

48H STATIC

6210 - 8120

12600 - 12700

MG/L LC50

MG/L EC50

PIMEPHALES

DAPHNIA MAGNA

PROMELAS 96H

48H

STATIC 8300

MG/L LC50

LEPOMIS

MACROCHIRUS

96H

METHYL

120 MG/L EC50

295 - 348

1026.7 MG/L

ACETATE

DESMODESMUS

MG/L LC50

EC50 DAPHNIA

79-20-9	SUBSPICATUS	PIMEPHALES	MAGNA 48H
	72H	PROMELAS 96H	
		FLOW-THROUGH	
		250 - 350 MG/L	
		LC50	
		BRACHYDANIO	
		RERIO 96H	
		STATIC	
XYLENE		13.4 MG/L LC50	3.82 MG/L EC50
1330-20-7		PIMEPHALES	WATER FLEA
		PROMELAS 96H	48H 0.6 MG/L
		FLOW-THROUGH	LC50 GAMMARUS
		2.661 - 4.093	LACUSTRIS 48H
		MG/L LC50	
		ONCORHYNCHUS	
		MYKISS 96H	
		STATIC 13.5 -	
		17.3 MG/L LC50	
		ONCORHYNCHUS	
		MYKISS 96H	
		13.1 - 16.5	
		MG/L LC50	

LEPOMIS

MACROCHIRUS

96H

FLOW-THROUGH

19 MG/L LC50

LEPOMIS

MACROCHIRUS

96H

7.711 - 9.591

MG/L LC50

LEPOMIS

MACROCHIRUS

96H

STATIC 780

MG/L LC50

CYPRINUS

CARPIO 96H

30.26 - 40.75

MG/L LC50

POECILIA

RETICULATA

96H STATIC

23.53 - 29.97

MG/L LC50

PIMEPHALES

PROMELAS 96H

STATIC 780

MG/L LC50

CYPRINUS

CARPIO 96H

SEMI-STATIC

PERSISTENCE AND DEGRADABILITY: NO INFORMATION AVAILABLE.

BIOACCUMULATION: NO INFORMATION AVAILABLE.

CHEMICAL NAME	LOG POW
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PROPANE/ISOBUTANE/N-BUTANE	<=2.8
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68476-86-8

ACETONE	-0.24
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67-64-1

METHYL ACETATE	0.18
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79-20-9

XYLENE

2.77 - 3.15

1330-20-7

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, 2.1, LTD. QTY.

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

INTERNATIONAL INVENTORIES:

CHEMICAL NAME	TSCA	DSL/ NDSL	EINECS/ ELINCS	ENCS	IECSC	KECL	PICCS	AICS
NAPHTHENIC OIL, SEVERLY HYDROT	X	X	X	NOT LISTED	X	X	X	X
PROPANE/ISOBUTA NE/N-BUTANE	X	X	X	NOT LISTED	X	X	X	X
HYDROCARBON SOLVENT	X	X	X	NOT LISTED	X	X	X	X

ACETONE	X	X	X	X	X	X	X	X
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BRIGHT STOCK,	X	X	X	NOT	X	X	X	X
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SEVERELY LISTED

HYDROTR

METHYL ACETATE	X	X	X	X	X	X	X	X
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XYLENE	X	X	X	X	X	X	X	X
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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 DOES NOT CONTAIN ANY 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 %
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XYLENE - 1330-20-7	1330-20-7	0.1-1	1.0
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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
XYLENE 1330-20-7	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 RQ	RQ
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ACETONE 5000 LB RQ 5000 LB FINAL RQ

67-64-1 RQ 2270 KG FINAL RQ

XYLENE 100 LB RQ 100 LB FINAL RQ

1330-20-7 RQ 45.4 KG FINAL RQ

U.S. STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:

THIS PRODUCT DOES NOT CONTAIN ANY KNOWN PROPOSITION 65 CHEMICALS.

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

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA
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ACETONE	X	X	X
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67-64-1

METHYL ACETATE	X	X	X
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79-20-9

XYLENE	X	X	X
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1330-20-7

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.

WHMIS HAZARD CLASS:

A COMPRESSED GASES

D2B TOXIC MATERIALS

B5 FLAMMABLE AEROSOL

-----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: 15-MAY-2015

REVISION DATE: 27-JUL-2015

REVISION NOTE: NO INFORMATION AVAILABLE

DISCLAIMER:

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INFORMATION AND BELIEF AT THE DATE OF ITS PUBLICATION. THE INFORMATION GIVEN IS  
DESIGNED ONLY AS A GUIDE FOR SAFE HANDLING, USE, PROCESSING, STORAGE,  
TRANSPORTATION, DISPOSAL AND RELEASE AND IS NOT TO BE CONSIDERED AS A WARRANTY

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