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Common Name: SCREWLOOSE SUPER PENETRANT 03060
Manufacturer: CRC
SDS Revision Date: 3/30/2015
SDS Format: GHS-US

Grainger Item Number(s): 2F145, 4JB35
Manufacturer Model Number(s):

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CRC(R*)

SAFETY DATA SHEET

1. IDENTIFICATION

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PRODUCT IDENTIFIER: SCREWLOOSE(R*) SUPER PENETRANT

OTHER MEANS OF IDENTIFICATION:

PRODUCT CODE: 03060

RECOMMENDED USE: GENERAL PURPOSE PENETRANT

RECOMMENDED RESTRICTIONS: NONE KNOWN.

MANUFACTURER/IMPORTER/SUPPLIER/DISTRIBUTOR INFORMATION:

MANUFACTURED OR SOLD BY:

COMPANY NAME: CRC INDUSTRIES, INC.

ADDRESS:
885 LOUIS DR.
WARMINSTER, PA 18974
US

TELEPHONE:
GENERAL INFORMATION: 215-674-4300
TECHNICAL ASSISTANCE: 800-521-3168
CUSTOMER SERVICE: 800-272-4620

24-HOUR EMERGENCY (CHEMTREC):
800-424-9300 (US)
703-527-3887 (INTERNATIONAL)

WEBSITE: WWW.CRCINDUSTRIES.COM

2. HAZARD(S) IDENTIFICATION

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PHYSICAL HAZARDS:
FLAMMABLE AEROSOLS: CATEGORY 1
GASES UNDER PRESSURE: COMPRESSED GAS

HEALTH HAZARDS:
SKIN CORROSION/IRRITATION: CATEGORY 2
SERIOUS EYE DAMAGE/EYE IRRITATION: CATEGORY 2
SPECIFIC TARGET ORGAN TOXICITY, SINGLE EXPOSURE: CATEGORY 3 NARCOTIC EFFECTS
ASPIRATION HAZARD: CATEGORY 1

ENVIRONMENTAL HAZARDS: NOT CLASSIFIED.

OSHA DEFINED HAZARDS: NOT CLASSIFIED.

LABEL ELEMENTS:
FLAME
GAS CYLINDER
HEALTH HAZARD
EXCLAMATION MARK

SIGNAL WORD: DANGER

HAZARD STATEMENT:
EXTREMELY FLAMMABLE AEROSOL. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. TOXIC TO AQUATIC LIFE.

PRECAUTIONARY STATEMENT:

PREVENTION:
KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING. DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE. DO NOT APPLY WHILE EQUIPMENT IS ENERGIZED.

PRESSURIZED CONTAINER:
DO NOT PIERCE OR BURN, EVEN AFTER USE. EXTINGUISH ALL FLAMES, PILOT LIGHTS AND HEATERS. VAPORS WILL ACCUMULATE READILY AND MAY IGNITE. AVOID BREATHING GAS, MIST OR VAPOR. USE ONLY WITH ADEQUATE VENTILATION; MAINTAIN VENTILATION DURING USE AND UNTIL ALL VAPORS ARE GONE. OPEN DOORS AND WINDOWS OR USE OTHER MEANS TO ENSURE A FRESH AIR SUPPLY DURING USE AND WHILE PRODUCT IS DRYING. IF YOU EXPERIENCE ANY SYMPTOMS LISTED ON THIS LABEL, INCREASE

VENTILATION OR LEAVE THE AREA. WEAR PROTECTIVE GLOVES AND EYE/FACE PROTECTION. WASH HANDS THOROUGHLY AFTER HANDLING. AVOID RELEASE TO THE ENVIRONMENT.

RESPONSE:
IF SWALLOWED:
IMMEDIATELY CALL A POISON CENTER/DOCTOR. DO NOT INDUCE VOMITING.

IF ON SKIN: WASH WITH PLENTY OF WATER.

IF SKIN IRRITATION OCCURS:
GET MEDICAL ATTENTION. TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

IF INHALED:
REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING. CALL A POISON CENTER/DOCTOR IF YOU FEEL UNWELL.

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 ATTENTION.

STORAGE:
STORE IN A WELL-VENTILATED PLACE. STORE LOCKED UP. PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 DEG. C/122 DEG. F. EXPOSURE TO HIGH TEMPERATURE MAY CAUSE CAN TO BURST.

DISPOSAL:
DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL REGULATIONS.

HAZARD(S) NOT OTHERWISE CLASSIFIED (HNOC): NONE KNOWN.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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MIXTURES:

CHEMICAL NAME	COMMON NAME AND SYNONYMS	CAS NUMBER	%
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT		64742-47-8	50 - 60
STODDARD SOLVENT		8052-41-3	20 - 30
DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY PARAFFINIC		64741-88-4	5 - 10
DIPROPYLENE GLYCOL MONOPROPYL ETHER (DPMP)		29911-27-1	3 - 5
CARBON DIOXIDE		124-38-9	1 - 3

SPECIFIC CHEMICAL IDENTITY AND/OR PERCENTAGE OF COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET.

4. FIRST-AID MEASURES

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INHALATION:
REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

SKIN CONTACT: RINSE SKIN WITH WATER/SHOWER.
IF SKIN IRRITATION OCCURS:
GET MEDICAL ADVICE/ATTENTION. TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

EYE CONTACT:
IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS AND PERSISTS.

INGESTION:
CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. RINSE MOUTH. DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD LOW SO THAT STOMACH CONTENT DOESN'T GET INTO THE LUNGS. ASPIRATION MAY CAUSE PULMONARY EDEMA AND PNEUMONITIS.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:
SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION. VAPORS HAVE A NARCOTIC EFFECT AND MAY CAUSE HEADACHE, FATIGUE, DIZZINESS AND NAUSEA. MAY CAUSE DROWSINESS OR DIZZINESS. MAY CAUSE REDNESS AND PAIN.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:
PROVIDE GENERAL SUPPORTIVE MEASURES AND TREAT SYMPTOMATICALLY. KEEP VICTIM UNDER OBSERVATION. SYMPTOMS MAY BE DELAYED.

GENERAL INFORMATION:
ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED, AND TAKE PRECAUTIONS TO PROTECT THEMSELVES.

5. FIRE-FIGHTING MEASURES

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SUITABLE EXTINGUISHING MEDIA:
POWDER. ALCOHOL RESISTANT FOAM. WATER. WATER SPRAY. DRY CHEMICALS. CARBON DIOXIDE (CO2).

UNSUITABLE EXTINGUISHING MEDIA:
DO NOT USE WATER JET AS AN EXTINGUISHER, AS THIS WILL SPREAD THE FIRE.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:
CONTENTS UNDER PRESSURE. PRESSURIZED CONTAINER MAY RUPTURE WHEN EXPOSED TO HEAT OR FLAME.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:
FIREFIGHTERS MUST USE STANDARD PROTECTIVE EQUIPMENT INCLUDING FLAME RETARDANT COAT, HELMET WITH FACE SHIELD, GLOVES, RUBBER BOOTS, AND IN ENCLOSED SPACES, SCBA.

FIRE-FIGHTING EQUIPMENT/INSTRUCTIONS:
IN CASE OF FIRE:
STOP LEAK IF SAFE TO DO SO. DO NOT MOVE CARGO OR VEHICLE IF CARGO HAS BEEN EXPOSED TO HEAT. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO SO WITHOUT RISK. COOL CONTAINERS EXPOSED TO HEAT WITH WATER SPRAY AND REMOVE CONTAINER, IF NO RISK IS INVOLVED. CONTAINERS SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD UP. FOR MASSIVE FIRE IN CARGO AREA, USE UNMANNED HOSE HOLDER OR MONITOR NOZZLES, IF POSSIBLE. IF NOT, WITHDRAW AND LET FIRE BURN

OUT.

GENERAL FIRE HAZARDS: EXTREMELY FLAMMABLE AEROSOL.

6. ACCIDENTAL RELEASE MEASURES

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PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
KEEP UNNECESSARY PERSONNEL AWAY. KEEP PEOPLE AWAY FROM AND UPWIND OF SPILL/LEAK. KEEP OUT OF LOW AREAS. WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND CLOTHING DURING CLEAN-UP. DO NOT TOUCH DAMAGED CONTAINERS OR SPILLED MATERIAL UNLESS WEARING APPROPRIATE PROTECTIVE CLOTHING. AVOID INHALATION OF VAPORS OR MISTS. AVOID BREATHING GAS. VENTILATE CLOSED SPACES BEFORE ENTERING THEM. LOCAL AUTHORITIES SHOULD BE ADVISED IF SIGNIFICANT SPILLAGES CANNOT BE CONTAINED. FOR PERSONAL PROTECTION, SEE SECTION 8 OF THE SDS.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:
ELIMINATE ALL IGNITION SOURCES (NO SMOKING, FLARES, SPARKS, OR FLAMES IN IMMEDIATE AREA). KEEP COMBUSTIBLES (WOOD, PAPER, OIL, ETC.) AWAY FROM SPILLED MATERIAL.

SMALL SPILLS:
WIPE UP WITH ABSORBENT MATERIAL (E.G. CLOTH, FLEECE). CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

FOR WASTE DISPOSAL, SEE SECTION 13 OF THE SDS.

ENVIRONMENTAL PRECAUTIONS:
AVOID RELEASE TO THE ENVIRONMENT. CONTACT LOCAL AUTHORITIES IN CASE OF SPILLAGE TO DRAIN/AQUATIC ENVIRONMENT. PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. DO NOT CONTAMINATE WATER. AVOID DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND.

7. HANDLING AND STORAGE

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PRECAUTIONS FOR SAFE HANDLING:
PRESSURIZED CONTAINER:
DO NOT PIERCE OR BURN, EVEN AFTER USE. DO NOT USE IF SPRAY BUTTON IS MISSING OR DEFECTIVE. DO NOT SPRAY ON A NAKED FLAME OR ANY OTHER INCANDESCENT MATERIAL. DO NOT SMOKE WHILE USING OR UNTIL SPRAYED SURFACE IS THOROUGHLY DRY. DO NOT CUT, WELD, SOLDER, DRILL, GRIND, OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION. 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. DO NOT RE-USE EMPTY CONTAINERS. AVOID BREATHING MIST OR VAPOR. AVOID BREATHING GAS. AVOID CONTACT WITH SKIN. AVOID CONTACT WITH EYES. AVOID PROLONGED EXPOSURE. AVOID CONTACT WITH CLOTHING. USE ONLY IN WELL-VENTILATED AREAS. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. WASH HANDS THOROUGHLY AFTER HANDLING. OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES. AVOID RELEASE TO THE ENVIRONMENT. DO NOT EMPTY INTO DRAINS. FOR PRODUCT USAGE INSTRUCTIONS, PLEASE SEE THE PRODUCT LABEL.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:
LEVEL 3 AEROSOL.

STORE IN A WELL-VENTILATED PLACE. PRESSURIZED CONTAINER. PROTECT FROM SUNLIGHT AND DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 DEG. C/122 DEG. F. DO NOT PUNCTURE, INCINERATE OR CRUSH. DO NOT HANDLE OR STORE NEAR AN OPEN FLAME, HEAT OR OTHER SOURCES OF IGNITION. THIS MATERIAL CAN ACCUMULATE STATIC CHARGE WHICH MAY CAUSE SPARK AND BECOME AN IGNITION SOURCE. STORE

AWAY FROM INCOMPATIBLE MATERIALS (SEE SECTION 10 OF THE SDS). KEEP OUT OF THE REACH OF CHILDREN.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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OCCUPATIONAL EXPOSURE LIMITS:

US. OSHA TABLE Z-1 LIMITS FOR AIR CONTAMINANTS (29 CFR 1910.1000):

COMPONENTS	TYPE	VALUE	FORM
CARBON DIOXIDE (CAS 124-38-9)	PEL	9000 MG/M3 5000 PPM	
DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY PARAFFINIC (CAS 64741-88-4)	PEL	5 MG/M3 2000 MG/M3 500 PPM	MIST.
STODDARD SOLVENT (CAS 8052-41-3)	PEL	2900 MG/M3 500 PPM	

US. ACGIH THRESHOLD LIMIT VALUES:

COMPONENTS	TYPE	VALUE	FORM
CARBON DIOXIDE (CAS 124-38-9)	STEL	30000 PPM	
	TWA	5000 PPM	
DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY PARAFFINIC (CAS 64741-88-4)	TWA	5 MG/M3	INHALABLE FRACTION.
STODDARD SOLVENT (CAS 8052-41-3)	TWA	100 PPM	

US. NIOSH: POCKET GUIDE TO CHEMICAL HAZARDS

COMPONENTS	TYPE	VALUE	FORM
CARBON DIOXIDE (CAS 124-38-9)	STEL	54000 MG/M3 30000 PPM	
	TWA	9000 MG/M3 5000 PPM	
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (CAS 64742-47-8)	TWA	100 MG/M3	
DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY PARAFFINIC (CAS 64741-88-4)	CEILING	1800 MG/M3	
	STEL	10 MG/M3	MIST.
	TWA	5 MG/M3	MIST.
STODDARD SOLVENT (CAS 8052-41-3)	CEILING	1800 MG/M3	
	TWA	350 MG/M3	

BIOLOGICAL LIMIT VALUES:
NO BIOLOGICAL EXPOSURE LIMITS NOTED FOR THE INGREDIENT(S).

APPROPRIATE ENGINEERING CONTROLS:
GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES PER HOUR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS. IF APPLICABLE, USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO MAINTAIN AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. IF EXPOSURE LIMITS HAVE NOT BEEN ESTABLISHED, MAINTAIN AIRBORNE LEVELS TO AN ACCEPTABLE LEVEL. EYE WASH FACILITIES AND EMERGENCY SHOWER MUST BE AVAILABLE WHEN HANDLING THIS PRODUCT.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES).

SKIN PROTECTION:
HAND PROTECTION: WEAR PROTECTIVE GLOVES SUCH AS: NITRILE. NEOPRENE.
OTHER: WEAR APPROPRIATE CHEMICAL RESISTANT CLOTHING.

RESPIRATORY PROTECTION:
IF ENGINEERING CONTROLS ARE NOT FEASIBLE OR IF EXPOSURE EXCEEDS THE APPLICABLE EXPOSURE LIMITS, USE A NIOSH-APPROVED CARTRIDGE RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE. USE A SELF-CONTAINED BREATHING APPARATUS IN CONFINED SPACES AND FOR EMERGENCIES. AIR MONITORING IS NEEDED TO DETERMINE ACTUAL EMPLOYEE EXPOSURE LEVELS.

THERMAL HAZARDS:
WEAR APPROPRIATE THERMAL PROTECTIVE CLOTHING, WHEN NECESSARY.

GENERAL HYGIENE CONSIDERATIONS:
WHEN USING, DO NOT EAT, DRINK OR SMOKE. ALWAYS OBSERVE GOOD PERSONAL HYGIENE MEASURES, SUCH AS WASHING AFTER HANDLING THE MATERIAL AND BEFORE EATING, DRINKING, AND/OR SMOKING. ROUTINELY WASH WORK CLOTHING AND PROTECTIVE EQUIPMENT TO REMOVE CONTAMINANTS.

9. PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE:

PHYSICAL STATE: LIQUID.

FORM: AEROSOL.

COLOR: CLEAR. LIGHT AMBER.

ODOR: PETROLEUM.

ODOR THRESHOLD: NOT AVAILABLE.

PH: NOT AVAILABLE.

MELTING POINT/FREEZING POINT: -121 DEG. F (-85 DEG. C) ESTIMATED

INITIAL BOILING POINT AND BOILING RANGE: 315 DEG. F (157.2 DEG. C) ESTIMATED

FLASH POINT: 141 DEG. F (60.6 DEG. C) TAG CLOSED CUP

EVAPORATION RATE: SLOW

FLAMMABILITY (SOLID, GAS): NOT AVAILABLE.

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:
FLAMMABILITY LIMIT - LOWER (%): 0.6% ESTIMATED
FLAMMABILITY LIMIT - UPPER (%): 6% ESTIMATED

VAPOR PRESSURE: 1431.7 HPA ESTIMATED

VAPOR DENSITY: >4 (AIR = 1)

RELATIVE DENSITY: 0.82 ESTIMATED

SOLUBILITY (WATER): NOT AVAILABLE.

PARTITION COEFFICIENT (N-OCTANOL/WATER): NOT AVAILABLE.

AUTO-IGNITION TEMPERATURE: 401 DEG. F (205 DEG. C) ESTIMATED

DECOMPOSITION TEMPERATURE: NOT AVAILABLE.

VISCOSITY (KINEMATIC): NOT AVAILABLE.

PERCENT VOLATILE: 97.5%

10. STABILITY AND REACTIVITY

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REACTIVITY:
THE PRODUCT IS STABLE AND NON-REACTIVE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORT.

CHEMICAL STABILITY: MATERIAL IS STABLE UNDER NORMAL CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS:
NO DANGEROUS REACTION KNOWN UNDER CONDITIONS OF NORMAL USE.

CONDITIONS TO AVOID:
AVOID HEAT, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. AVOID TEMPERATURES EXCEEDING THE FLASH POINT. CONTACT WITH INCOMPATIBLE MATERIALS.

INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:
NO HAZARDOUS DECOMPOSITION PRODUCTS ARE KNOWN.

11. TOXICOLOGICAL INFORMATION

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INFORMATION ON LIKELY ROUTES OF EXPOSURE:

INGESTION: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

INHALATION:
VAPORS HAVE A NARCOTIC EFFECT AND MAY CAUSE HEADACHE, FATIGUE, DIZZINESS AND NAUSEA. PROLONGED INHALATION MAY BE HARMFUL.

SKIN CONTACT: CAUSES SKIN IRRITATION.

EYE CONTACT: CAUSES SERIOUS EYE IRRITATION.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL

CHARACTERISTICS:
SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION. SKIN IRRITATION. MAY CAUSE REDNESS AND PAIN. SYMPTOMS OF OVEREXPOSURE MAY BE HEADACHE, DIZZINESS, TIREDNESS, NAUSEA AND VOMITING.

INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY:
MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. NARCOTIC EFFECTS.

PRODUCT	SPECIES	TEST RESULTS
SCREWLOOSE(R*) SUPER PENETRANT:		
ACUTE:		
DERMAL:		
LD50	RABBIT	2808.0522 MG/KG ESTIMATED
INHALATION:		
LC50	RAT	8.137 MG/L, 4 HOURS ESTIMATED
ORAL:		
LD50	RAT	6051.5747 MG/KG ESTIMATED

* ESTIMATES FOR PRODUCT MAY BE BASED ON ADDITIONAL COMPONENT DATA NOT SHOWN.

SKIN CORROSION/IRRITATION: CAUSES SKIN IRRITATION.

SERIOUS EYE DAMAGE/EYE IRRITATION: CAUSES SERIOUS EYE IRRITATION.

RESPIRATORY SENSITIZATION: NOT AVAILABLE.

SKIN SENSITIZATION:
THIS PRODUCT IS NOT EXPECTED TO CAUSE SKIN SENSITIZATION.

GERM CELL MUTAGENICITY:
NO DATA AVAILABLE TO INDICATE PRODUCT OR ANY COMPONENTS PRESENT AT GREATER THAN 0.1% ARE MUTAGENIC OR GENOTOXIC.

CARCINOGENICITY:
THIS PRODUCT IS NOT CONSIDERED TO BE A CARCINOGEN BY IARC, ACGIH, NTP, OR OSHA.

REPRODUCTIVE TOXICITY:
THIS PRODUCT IS NOT EXPECTED TO CAUSE REPRODUCTIVE OR DEVELOPMENTAL EFFECTS.

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE: NARCOTIC EFFECTS.
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE: NOT CLASSIFIED.

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

CHRONIC EFFECTS: PROLONGED INHALATION MAY BE HARMFUL.

12. ECOLOGICAL INFORMATION

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ECOTOXICITY: TOXIC TO AQUATIC LIFE.

PRODUCT		SPECIES	TEST RESULTS
SCREWLOOSE(R*) SUPER PENETRANT:			
AQUATIC:			
ACUTE:			
CRUSTACEA	EC50	DAPHNIA	2051.282 MG/L, 48 HOURS ESTIMATED
FISH	LC50	FISH	3.7538 MG/L, 96 HOURS ESTIMATED

COMPONENTS		SPECIES	TEST RESULTS
DIPROPYLENE GLYCOL MONOPROPYL ETHER (DPMP) (CAS 29911-27-1):			
AQUATIC:			
ACUTE:			
CRUSTACEA	EC50	WATER FLEA (DAPHNIA MAGNA)	>100 MG/L, 48 HOURS
FISH	LC50	RAINBOW TROUT, DONALDSON TROUT (ONCORHYNCHUS MYKISS)	>100 MG/L, 96 HOURS
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (CAS 64742-47-8):			
AQUATIC:			
ACUTE:			
FISH	LC50	BLUEGILL (LEPOMIS MACROCHIRUS)	2.2 MG/L, 96 HOURS

* ESTIMATES FOR PRODUCT MAY BE BASED ON ADDITIONAL COMPONENT DATA NOT SHOWN.

PERSISTENCE AND DEGRADABILITY:
NO DATA IS AVAILABLE ON THE DEGRADABILITY OF THIS PRODUCT.

BIOACCUMULATIVE POTENTIAL: NO DATA AVAILABLE.

PARTITION COEFFICIENT N-OCTANOL / WATER (LOG KOW):
DIPROPYLENE GLYCOL MONOPROPYL ETHER (DPMP): 0.87 OECD 107
STODDARD SOLVENT: 3.16 - 7.15

MOBILITY IN SOIL: NO DATA AVAILABLE.

OTHER ADVERSE EFFECTS:
NO OTHER ADVERSE ENVIRONMENTAL EFFECTS (E.G. OZONE DEPLETION, PHOTOCHEMICAL OZONE CREATION POTENTIAL, ENDOCRINE DISRUPTION, GLOBAL WARMING POTENTIAL) ARE EXPECTED FROM THIS COMPONENT.

13. DISPOSAL CONSIDERATIONS

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DISPOSAL OF WASTE FROM RESIDUES / UNUSED PRODUCTS:
THE DISPENSED LIQUID PRODUCT IS NOT A RCRA HAZARDOUS WASTE (SEE 40 CFR PART 261.20 - 261.33). CONSULT AUTHORITIES BEFORE DISPOSAL. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE OR CRUSH. EMPTY CONTAINER CAN BE RECYCLED. DO NOT ALLOW THIS MATERIAL TO DRAIN INTO SEWERS/WATER SUPPLIES. DO NOT CONTAMINATE PONDS, WATERWAYS OR DITCHES WITH CHEMICAL OR USED

CONTAINER. DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL REGULATIONS.

HAZARDOUS WASTE CODE: NOT REGULATED.

CONTAMINATED PACKAGING:
EMPTY CONTAINERS SHOULD BE TAKEN TO AN APPROVED WASTE HANDLING SITE FOR RECYCLING OR DISPOSAL. SINCE EMPTIED CONTAINERS MAY RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED.

14. TRANSPORT INFORMATION

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DOT:

UN NUMBER: UN1950

UN PROPER SHIPPING NAME: AEROSOLS, FLAMMABLE, LIMITED QUANTITY

TRANSPORT HAZARD CLASS(ES):

CLASS: 2.1

SUBSIDIARY RISK:

LABEL(S): 2.1

PACKING GROUP: NOT APPLICABLE.

SPECIAL PRECAUTIONS FOR USER:
READ SAFETY INSTRUCTIONS, SDS AND EMERGENCY PROCEDURES BEFORE HANDLING.

SPECIAL PROVISIONS: N82

PACKAGING EXCEPTIONS: 306

PACKAGING NON BULK: NONE

PACKAGING BULK: NONE

IATA:

UN NUMBER: UN1950

UN PROPER SHIPPING NAME: AEROSOLS, FLAMMABLE, LIMITED QUANTITY

TRANSPORT HAZARD CLASS(ES):

CLASS: 2.1

SUBSIDIARY RISK:

PACKING GROUP: NOT APPLICABLE.

ENVIRONMENTAL HAZARDS: NO.

ERG CODE: 10L

SPECIAL PRECAUTIONS FOR USER:
READ SAFETY INSTRUCTIONS, SDS AND EMERGENCY PROCEDURES BEFORE HANDLING.

OTHER INFORMATION:

PASSENGER AND CARGO AIRCRAFT: ALLOWED.
CARGO AIRCRAFT ONLY: ALLOWED.

IMDG:

UN NUMBER: UN1950

UN PROPER SHIPPING NAME: AEROSOLS, LIMITED QUANTITY

TRANSPORT HAZARD CLASS(ES):

CLASS: 2

SUBSIDIARY RISK:

PACKING GROUP: NOT APPLICABLE.

ENVIRONMENTAL HAZARDS:

MARINE POLLUTANT: NO.

EMS: NOT AVAILABLE.

SPECIAL PRECAUTIONS FOR USER:
READ SAFETY INSTRUCTIONS, SDS AND EMERGENCY PROCEDURES BEFORE HANDLING.

15. REGULATORY INFORMATION

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US FEDERAL REGULATIONS:
THIS PRODUCT IS A "HAZARDOUS CHEMICAL" AS DEFINED BY THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200.

TSCA SECTION 12(B) EXPORT NOTIFICATION (40 CFR 707, SUBPT. D):
NOT REGULATED.

SARA 304 EMERGENCY RELEASE NOTIFICATION: NOT REGULATED.

US. OSHA SPECIFICALLY REGULATED SUBSTANCES (29 CFR 1910.1001-1050):
NOT LISTED.

US EPCRA (SARA TITLE III) SECTION 313 - TOXIC CHEMICAL LISTED SUBSTANCE

NOT LISTED.

CERCLA HAZARDOUS SUBSTANCE LIST (40 CFR 302.4): NOT LISTED.

CERCLA HAZARDOUS SUBSTANCES REPORTABLE QUANTITY

NOT LISTED.

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.

CLEAN AIR ACT (CAA) SECTION 112 HAZARDOUS AIR POLLUTANTS (HAPS) LIST:
NOT REGULATED.

CLEAN AIR ACT (CAA) SECTION 112(R) ACCIDENTAL RELEASE PREVENTION (40 CFR 68.130): NOT REGULATED.

SAFE DRINKING WATER ACT (SDWA): NOT REGULATED.

FOOD AND DRUG ADMINISTRATION (FDA): NOT REGULATED.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA):

SECTION 311/312 HAZARD CATEGORIES:
IMMEDIATE HAZARD: YES
DELAYED HAZARD: NO
FIRE HAZARD: YES
PRESSURE HAZARD: YES
REACTIVITY HAZARD: NO

SARA 302 EXTREMELY HAZARDOUS SUBSTANCE: NO

US STATE REGULATIONS:

US. CALIFORNIA CONTROLLED SUBSTANCES. CA DEPARTMENT OF JUSTICE
(CALIFORNIA HEALTH AND SAFETY CODE SECTION 11100): NOT LISTED.

US. NEW JERSEY WORKER AND COMMUNITY RIGHT-TO-KNOW ACT:
CARBON DIOXIDE (CAS 124-38-9)
STODDARD SOLVENT (CAS 8052-41-3)
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (CAS 64742-47-8)

US. MASSACHUSETTS RTK - SUBSTANCE LIST:
CARBON DIOXIDE (CAS 124-38-9)
STODDARD SOLVENT (CAS 8052-41-3)

US. PENNSYLVANIA WORKER AND COMMUNITY RIGHT-TO-KNOW LAW:
CARBON DIOXIDE (CAS 124-38-9)
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (CAS 64742-47-8)
STODDARD SOLVENT (CAS 8052-41-3)

US. RHODE ISLAND RTK: NONE.

US. CALIFORNIA PROPOSITION 65:
CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986
(PROPOSITION 65):
THIS MATERIAL IS NOT KNOWN TO CONTAIN ANY CHEMICALS CURRENTLY LISTED AS
CARCINOGENS OR REPRODUCTIVE TOXINS.

VOLATILE ORGANIC COMPOUNDS (VOC) REGULATIONS:

EPA:
VOC CONTENT (40 CFR 51.100(S)): 97.5%
CONSUMER PRODUCTS (40 CFR 59, SUBPT. C): NOT REGULATED

STATE:

CONSUMER PRODUCTS:
THIS PRODUCT IS REGULATED AS A PENETRANT. THIS PRODUCT IS COMPLIANT FOR USE
IN ALL 50 STATES.

VOC CONTENT (CA): 24.2%
VOC CONTENT (OTC): 24.2%

INTERNATIONAL INVENTORIES:

COUNTRY(S) OR REGION	INVENTORY NAME	ON INVENTORY (YES/NO)*
AUSTRALIA	AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS)	YES

CANADA	DOMESTIC SUBSTANCES LIST (DSL)	YES
CANADA	NON-DOMESTIC SUBSTANCES LIST (NDSL)	NO
CHINA	INVENTORY OF EXISTING CHEMICAL SUBSTANCES IN CHINA (IECSC)	YES
EUROPE	EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS)	YES
EUROPE	EUROPEAN LIST OF NOTIFIED CHEMICAL SUBSTANCES (ELINCS)	NO
JAPAN	INVENTORY OF EXISTING AND NEW CHEMICAL SUBSTANCES (ENCS)	NO
KOREA	EXISTING CHEMICALS LIST (ECL)	YES
NEW ZEALAND	NEW ZEALAND INVENTORY	NO
PHILIPPINES	PHILIPPINE INVENTORY OF CHEMICALS AND CHEMICAL SUBSTANCES (PICCS)	YES
UNITED STATES & PUERTO RICO	TOXIC SUBSTANCES CONTROL ACT (TSCA) INVENTORY	YES

*A "YES" INDICATES THAT ALL COMPONENTS OF THIS PRODUCT COMPLY WITH THE INVENTORY REQUIREMENTS ADMINISTERED BY THE GOVERNING COUNTRY(S)

A "NO" INDICATES THAT ONE OR MORE COMPONENTS OF THE PRODUCT ARE NOT LISTED OR EXEMPT FROM LISTING ON THE INVENTORY ADMINISTERED BY THE GOVERNING COUNTRY(S).

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION

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OR LAST REVISION

ISSUE DATE: 10-07-2013

REVISION DATE: 03-30-2015

PREPARED BY: ALLISON CHO

VERSION #: 02

FURTHER INFORMATION: CRC # 575H

HMIS(R*) RATINGS:
HEALTH 2
FLAMMABILITY 4
PHYSICAL HAZARD 0
PERSONAL PROTECTION B

NFPA RATINGS:
HEALTH 2
FLAMMABILITY 4
INSTABILITY 0

NFPA RATINGS:
2
4

0

DISCLAIMER:
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 (M)SDS CONSULT YOUR SUPERVISOR, A HEALTH & SAFETY PROFESSIONAL, OR CRC INDUSTRIES.

MATERIAL NAME: SCREWLOOSE(R*) SUPER PENETRANT

SDS US