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SDS

Common Name: BRAKLEEN BRAKE PARTS CLEANER - 14 OZ NO. 05084 (ITEM 1003696)**Manufacturer:** CRC**SDS Revision Date:** 3/6/2020**SDS Format:** GHS-US**Item Number(s):** 5YK76**Manufacturer Model Number(s):**

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CRC (R*)

SAFETY DATA SHEET

1. IDENTIFICATION



PRODUCT IDENTIFIER: BRAKLEEN(R*) BRAKE PARTS CLEANER - 14 OZ

OTHER MEANS OF IDENTIFICATION:

PRODUCT CODE: NO. 05084 (ITEM# 1003696)

RECOMMENDED USE: BRAKE CLEANER

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)

WEBSITE: WWW.CRCINDUSTRIES.COM

2. HAZARD(S) IDENTIFICATION



PHYSICAL HAZARDS:

FLAMMABLE AEROSOLS: CATEGORY 1

GASES UNDER PRESSURE: COMPRESSED GAS

HEALTH HAZARDS:

ACUTE TOXICITY, ORAL: CATEGORY 3

SKIN CORROSION/IRRITATION: CATEGORY 2

SERIOUS EYE DAMAGE/EYE IRRITATION: CATEGORY 2A

REPRODUCTIVE TOXICITY: CATEGORY 2

SPECIFIC TARGET ORGAN TOXICITY, SINGLE EXPOSURE (ORAL): CATEGORY 1

SPECIFIC TARGET ORGAN TOXICITY, SINGLE EXPOSURE:
CATEGORY 3 NARCOTIC EFFECTS

SPECIFIC TARGET ORGAN TOXICITY, REPEATED EXPOSURE: CATEGORY 2

ASPIRATION HAZARD: CATEGORY 1

ENVIRONMENTAL HAZARDS:

HAZARDOUS TO THE AQUATIC ENVIRONMENT, ACUTE HAZARD: CATEGORY 2

HAZARDOUS TO THE AQUATIC ENVIRONMENT, LONG-TERM HAZARD: CATEGORY 2

OSHA DEFINED HAZARDS: NOT CLASSIFIED.

LABEL ELEMENTS:

FLAME

GAS CYLINDER

SKULLS AND CROSSBONES

HEALTH HAZARD

EXCLAMATION MARK

SIGNAL WORD: DANGER

HAZARD STATEMENT:

EXTREMELY FLAMMABLE AEROSOL. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. TOXIC IF SWALLOWED. MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. CAUSES DAMAGE TO ORGANS BY INGESTION. MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

PRECAUTIONARY STATEMENT:

PREVENTION:

OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. 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. DO NOT APPLY WHILE EQUIPMENT IS ENERGIZED. EXTINGUISH ALL FLAMES, PILOT LIGHTS, AND HEATERS. DO NOT BREATHE MIST/VAPORS. VAPORS WILL ACCUMULATE READILY AND MAY IGNITE. 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. WASH THOROUGHLY AFTER HANDLING. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

RESPONSE:**IF SWALLOWED:**

IMMEDIATELY CALL A POISON CENTER/DOCTOR. RINSE MOUTH. DO NOT INDUCE VOMITING.

IF ON SKIN: WASH WITH PLENTY OF WATER.

IF SKIN IRRITATION OCCURS:

GET MEDICAL ADVICE/ATTENTION. TAKE OFF CONTAMINATED CLOTHING AND WASH IT 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 ADVICE/ATTENTION.

IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.

STORAGE:

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

HAZARD(S) NOT OTHERWISE CLASSIFIED (HNOC):

STATIC ACCUMULATING FLAMMABLE LIQUID CAN BECOME ELECTROSTATICALLY CHARGED EVEN IN BONDED AND GROUNDED EQUIPMENT. SPARKS MAY IGNITE LIQUID AND VAPOR. MAY CAUSE FLASH FIRE OR EXPLOSION.

SUPPLEMENTAL INFORMATION: NONE.

3. COMPOSITION/INFORMATION ON INGREDIENTS**MIXTURES:**

CHEMICAL NAME	COMMON NAME AND SYNONYMS	CAS NUMBER	%
ACETONE		67-64-1	40 - 50

METHANOL	67-56-1	10	-	20
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT	64742-49-0	10	-	20
CARBON DIOXIDE	124-38-9	5	-	10
HEPTANE, BRANCHED, CYCLIC AND LINEAR	426260-76-6	5	-	10
TOLUENE	108-88-3	5	-	10
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH.	64742-89-8	3	-	5
N-HEPTANE	142-82-5	1	-	3

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

4. FIRST-AID MEASURES



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:

REMOVE CONTAMINATED CLOTHING. WASH WITH PLENTY OF SOAP AND WATER. IF SKIN
IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION. WASH CONTAMINATED CLOTHING
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. DO NOT USE MOUTH-TO-MOUTH METHOD IF VICTIM
INGESTED THE SUBSTANCE. INDUCE ARTIFICIAL RESPIRATION WITH THE AID OF A
POCKET MASK EQUIPPED WITH A ONE-WAY VALVE OR OTHER PROPER RESPIRATORY
MEDICAL DEVICE.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

ASPIRATION MAY CAUSE PULMONARY EDEMA AND PNEUMONITIS. MAY CAUSE DROWSINESS
OR DIZZINESS. HEADACHE. NAUSEA, VOMITING. SEVERE EYE IRRITATION. SYMPTOMS
MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION. SKIN
IRRITATION. MAY CAUSE REDNESS AND PAIN. PROLONGED EXPOSURE MAY CAUSE
CHRONIC EFFECTS.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

PROVIDE GENERAL SUPPORTIVE MEASURES AND TREAT SYMPTOMATICALLY. KEEP VICTIM
WARM. KEEP VICTIM UNDER OBSERVATION. SYMPTOMS MAY BE DELAYED.

GENERAL INFORMATION:

IF EXPOSED OR CONCERNED:

GET MEDICAL ADVICE/ATTENTION. ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF
THE MATERIAL(S) INVOLVED, AND TAKE PRECAUTIONS TO PROTECT THEMSELVES. SHOW
THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE.

5. FIRE-FIGHTING MEASURES



SUITABLE EXTINGUISHING MEDIA:

WATER FOG. ALCOHOL RESISTANT FOAM. CARBON DIOXIDE (CO₂). DRY CHEMICAL POWDER, CARBON DIOXIDE, SAND OR EARTH MAY BE USED FOR SMALL FIRES ONLY.

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. THIS PRODUCT IS A POOR CONDUCTOR OF ELECTRICITY AND CAN BECOME ELECTROSTATICALLY CHARGED. IF SUFFICIENT CHARGE IS ACCUMULATED, IGNITION OF FLAMMABLE MIXTURES CAN OCCUR. STATIC ELECTRICITY ACCUMULATION MAY BE SIGNIFICANTLY INCREASED BY THE PRESENCE OF SMALL QUANTITIES OF WATER OR OTHER CONTAMINANTS. MATERIAL WILL FLOAT AND MAY IGNITE ON SURFACE OF WATER. DURING FIRE, GASES HAZARDOUS TO HEALTH MAY BE FORMED.

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. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO SO WITHOUT RISK. CONTAINERS SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD UP.

GENERAL FIRE HAZARDS:

EXTREMELY FLAMMABLE AEROSOL. CONTENTS UNDER PRESSURE. PRESSURIZED CONTAINER MAY RUPTURE WHEN EXPOSED TO HEAT OR FLAME.

6. ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

KEEP UNNECESSARY PERSONNEL AWAY. KEEP PEOPLE AWAY FROM AND UPWIND OF SPILL/LEAK. REMOVE ALL POSSIBLE SOURCES OF IGNITION IN THE SURROUNDING AREA. KEEP OUT OF LOW AREAS. MANY GASES ARE HEAVIER THAN AIR AND WILL SPREAD ALONG GROUND AND COLLECT IN LOW OR CONFINED AREAS (SEWERS, BASEMENTS, TANKS). WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND CLOTHING DURING CLEAN-UP. DO NOT BREATHE MIST/VAPORS. EMERGENCY PERSONNEL NEED SELF-CONTAINED BREATHING EQUIPMENT. DO NOT TOUCH DAMAGED CONTAINERS OR SPILLED MATERIAL UNLESS WEARING APPROPRIATE PROTECTIVE CLOTHING. VENTILATE CLOSED SPACES BEFORE ENTERING THEM. USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION. 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. THIS PRODUCT IS MISCIBLE IN WATER. PREVENT PRODUCT FROM ENTERING DRAINS. STOP THE FLOW OF MATERIAL, IF THIS IS WITHOUT RISK. 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. INFORM APPROPRIATE MANAGERIAL OR SUPERVISORY PERSONNEL OF ALL ENVIRONMENTAL RELEASES. PREVENT FURTHER

LEAKAGE OR SPILLAGE IF SAFE TO DO SO. AVOID DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION.

7. HANDLING AND STORAGE



PRECAUTIONS FOR SAFE HANDLING:

OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. MINIMIZE FIRE RISKS FROM FLAMMABLE AND COMBUSTIBLE MATERIALS (INCLUDING COMBUSTIBLE DUST AND STATIC ACCUMULATING LIQUIDS) OR DANGEROUS REACTIONS WITH INCOMPATIBLE MATERIALS.

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 BREATHE MIST/VAPORS. DO NOT TASTE OR SWALLOW. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. AVOID PROLONGED EXPOSURE. WHEN USING, DO NOT EAT, DRINK OR SMOKE. PREGNANT OR BREASTFEEDING WOMEN MUST NOT HANDLE THIS PRODUCT. SHOULD BE HANDLED IN CLOSED SYSTEMS, IF POSSIBLE. USE ONLY IN WELL-VENTILATED AREAS. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. WASH HANDS THOROUGHLY AFTER HANDLING. AVOID RELEASE TO THE ENVIRONMENT. OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES. FOR PRODUCT USAGE INSTRUCTIONS, SEE THE PRODUCT LABEL.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

LEVEL 3 AEROSOL.

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. AVOID SPARK PROMOTERS. THESE ALONE MAY BE INSUFFICIENT TO REMOVE STATIC ELECTRICITY. STORE IN TIGHTLY CLOSED CONTAINER. STORE IN A WELL-VENTILATED PLACE. STORED CONTAINERS SHOULD BE PERIODICALLY CHECKED FOR GENERAL CONDITION AND LEAKAGE. STORE AWAY FROM INCOMPATIBLE MATERIALS (SEE SECTION 10 OF THE SDS).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



OCCUPATIONAL EXPOSURE LIMITS:

THE FOLLOWING CONSTITUENTS ARE THE ONLY CONSTITUENTS OF THE PRODUCT WHICH HAVE A PEL, TLV OR OTHER RECOMMENDED EXPOSURE LIMIT. AT THIS TIME, THE OTHER CONSTITUENTS HAVE NO KNOWN EXPOSURE LIMITS.

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

COMPONENTS	TYPE	VALUE
ACETONE (CAS 67-64-1)	PEL	2400 MG/M3 1000 PPM
CARBON DIOXIDE (CAS 124-38-9)	PEL	9000 MG/M3 5000 PPM
METHANOL (CAS 67-56-1)	PEL	260 MG/M3 200 PPM

NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (CAS 64742-49-0)	PEL	400 MG/M3 100 PPM
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N-HEPTANE (CAS 142-82-5)	PEL	2000 MG/M3 500 PPM
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SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. (CAS 64742-89-8)	PEL	400 MG/M3 100 PPM
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US. OSHA TABLE Z-2 (29 CFR 1910.1000):

COMPONENTS	TYPE	VALUE
TOLUENE (CAS 108-88-3)	CEILING	300 PPM
	TWA	200 PPM

US. ACGIH THRESHOLD LIMIT VALUES:

COMPONENTS	TYPE	VALUE
ACETONE (CAS 67-64-1)	STEL	500 PPM
	TWA	250 PPM
CARBON DIOXIDE (CAS 124-38-9)	STEL	30000 PPM
	TWA	5000 PPM
METHANOL (CAS 67-56-1)	STEL	250 PPM
	TWA	200 PPM
N-HEPTANE (CAS 142-82-5)	STEL	500 PPM
	TWA	400 PPM
TOLUENE (CAS 108-88-3)	TWA	20 PPM

US. NIOSH: POCKET GUIDE TO CHEMICAL HAZARDS

COMPONENTS	TYPE	VALUE
ACETONE (CAS 67-64-1)	TWA	590 MG/M3 250 PPM

US. NIOSH: POCKET GUIDE TO CHEMICAL HAZARDS

COMPONENTS	TYPE	VALUE
CARBON DIOXIDE (CAS 124-38-9)	STEL	54000 MG/M3 30000 PPM
	TWA	9000 MG/M3 5000 PPM
METHANOL (CAS 67-56-1)	STEL	325 MG/M3 250 PPM
	TWA	260 MG/M3 200 PPM
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (CAS 64742-49-0)	TWA	400 MG/M3 100 PPM
N-HEPTANE (CAS 142-82-5)	CEILING	1800 MG/M3 440 PPM
	TWA	350 MG/M3 85 PPM

SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. (CAS 64742-89-8)	TWA	400 MG/M3 100 PPM
TOLUENE (CAS 108-88-3)	STEL	560 MG/M3 150 PPM
	TWA	375 MG/M3 100 PPM

BIOLOGICAL LIMIT VALUES:

ACGIH BIOLOGICAL EXPOSURE INDICES:

COMPONENTS	VALUE	DETERMINANT	SPECIMEN	SAMPLING TIME
ACETONE (CAS 67-64-1)	25 MG/L	ACETONE	URINE	*
METHANOL (CAS 67-56-1)	15 MG/L	METHANOL	URINE	*
TOLUENE (CAS 108-88-3)	0.3 MG/G	O-CRESOL, WITH HYDROLYSIS	CREATININE IN URINE	*
	0.03 MG/L	TOLUENE	URINE	*
	0.02 MG/L	TOLUENE	BLOOD	*

* - FOR SAMPLING DETAILS, PLEASE SEE THE SOURCE DOCUMENT.

EXPOSURE GUIDELINES:

US - CALIFORNIA OELS: SKIN DESIGNATION

METHANOL (CAS 67-56-1): CAN BE ABSORBED THROUGH THE SKIN.

TOLUENE (CAS 108-88-3): CAN BE ABSORBED THROUGH THE SKIN.

US - MINNESOTA HAZ SUBS: SKIN DESIGNATION APPLIES

METHANOL (CAS 67-56-1): SKIN DESIGNATION APPLIES.

TOLUENE (CAS 108-88-3): SKIN DESIGNATION APPLIES.

US - TENNESSEE OELS: SKIN DESIGNATION

METHANOL (CAS 67-56-1): CAN BE ABSORBED THROUGH THE SKIN.

US ACGIH THRESHOLD LIMIT VALUES: SKIN DESIGNATION

METHANOL (CAS 67-56-1): CAN BE ABSORBED THROUGH THE SKIN.

US NIOSH POCKET GUIDE TO CHEMICAL HAZARDS: SKIN DESIGNATION

METHANOL (CAS 67-56-1): CAN BE ABSORBED THROUGH THE SKIN.

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. PROVIDE EYEWASH STATION. EYE WASH FOUNTAIN AND EMERGENCY SHOWERS ARE RECOMMENDED.

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. POLYVINYL ALCOHOL (PVA).

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:

OBSERVE ANY MEDICAL SURVEILLANCE REQUIREMENTS. WHEN USING DO NOT SMOKE. KEEP AWAY FROM FOOD AND DRINK. 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



APPEARANCE:

PHYSICAL STATE: LIQUID.

FORM: AEROSOL.

COLOR: CLEAR.

ODOR: SOLVENT.

ODOR THRESHOLD: NOT AVAILABLE.

PH: NOT AVAILABLE.

MELTING POINT/FREEZING POINT: -144 DEG. F (-97.8 DEG. C) ESTIMATED

INITIAL BOILING POINT AND BOILING RANGE:

132.9 DEG. F (56.1 DEG. C) ESTIMATED

FLASH POINT: -0.00004 DEG. F (-17.8 DEG. C) ESTIMATED

EVAPORATION RATE: FAST.

FLAMMABILITY (SOLID, GAS): NOT AVAILABLE.

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

FLAMMABILITY LIMIT - LOWER (%): 1.1% ESTIMATED

FLAMMABILITY LIMIT - UPPER (%): 36% ESTIMATED

VAPOR PRESSURE: 5817.8 HPA ESTIMATED

VAPOR DENSITY: >1 (AIR = 1)

RELATIVE DENSITY: 0.84 ESTIMATED

SOLUBILITY(IES):

SOLUBILITY (WATER): SLIGHTLY SOLUBLE.

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

AUTO-IGNITION TEMPERATURE: 539.6 DEG. F (282 DEG. C) ESTIMATED

DECOMPOSITION TEMPERATURE: NOT AVAILABLE.

VISCOSITY: NOT AVAILABLE.

PERCENT VOLATILE: 92.7% ESTIMATED

10. STABILITY AND REACTIVITY



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: HEAT. CONTACT WITH INCOMPATIBLE MATERIALS.

INCOMPATIBLE MATERIALS: ACIDS. STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON OXIDES. HYDROCARBON FUMES AND SMOKE. ALDEHYDES. FORMALDEHYDE.

11. TOXICOLOGICAL INFORMATION



INFORMATION ON LIKELY ROUTES OF EXPOSURE:

INHALATION:

MAY CAUSE DAMAGE TO ORGANS BY INHALATION. MAY CAUSE DROWSINESS OR DIZZINESS. HEADACHE. NAUSEA, VOMITING. PROLONGED INHALATION MAY BE HARMFUL.

SKIN CONTACT: CAUSES SKIN IRRITATION.

EYE CONTACT: CAUSES SERIOUS EYE IRRITATION.

INGESTION:

TOXIC IF SWALLOWED. CAUSES DAMAGE TO ORGANS BY INGESTION. DROPLETS OF THE PRODUCT ASPIRATED INTO THE LUNGS THROUGH INGESTION OR VOMITING MAY CAUSE A SERIOUS CHEMICAL PNEUMONIA.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

ASPIRATION MAY CAUSE PULMONARY EDEMA AND PNEUMONITIS. MAY CAUSE DROWSINESS OR DIZZINESS. HEADACHE. NAUSEA, VOMITING. SEVERE EYE IRRITATION. SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION. SKIN IRRITATION. MAY CAUSE REDNESS AND PAIN.

INFORMATION ON TOXICOLOGICAL EFFECTS:

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

COMPONENTS	SPECIES	TEST RESULTS
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ACETONE (CAS 67-64-1)		
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ACUTE:		
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DERMAL:		
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LD50	RABBIT	20000 MG/KG
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ORAL:		
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LD50 RAT 5800 MG/KG

HEPTANE, BRANCHED, CYCLIC AND LINEAR (CAS 426260-76-6)

ACUTE:

DERMAL:

LD50 RABBIT >2000 MG/KG

INHALATION:

LC50 RAT >60 MG/L, 4 HOURS

ORAL:

LD50 RAT >5000 MG/KG

SKIN CORROSION/IRRITATION: CAUSES SKIN IRRITATION.

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

RESPIRATORY OR SKIN SENSITIZATION:

RESPIRATORY SENSITIZATION: NOT A RESPIRATORY SENSITIZER.

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: NOT CLASSIFIABLE AS TO CARCINOGENICITY TO HUMANS.

IARC MONOGRAPHS. OVERALL EVALUATION OF CARCINOGENICITY:

TOLUENE (CAS 108-88-3): 3 NOT CLASSIFIABLE AS TO CARCINOGENICITY TO HUMANS.

OSHA SPECIFICALLY REGULATED SUBSTANCES (29 CFR 1910.1001-1053): NOT LISTED.

US. NATIONAL TOXICOLOGY PROGRAM (NTP) REPORT ON CARCINOGENS: NOT LISTED.

REPRODUCTIVE TOXICITY: SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:

CAUSES DAMAGE TO ORGANS BY INGESTION. MAY CAUSE DROWSINESS OR DIZZINESS.

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:

MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

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

CHRONIC EFFECTS:

PROLONGED INHALATION MAY BE HARMFUL. MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

12. ECOLOGICAL INFORMATION



ECOTOXICITY: TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

COMPONENTS	SPECIES	TEST RESULTS
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ACETONE (CAS 67-64-1)		
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AQUATIC:

FISH	LC50	RAINBOW TROUT, DONALDSON TROUT (ONCORHYNCHUS MYKISS)	4740 - 6330 MG/L, 96 HOURS
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ACUTE:

CRUSTACEA	EC50	DAPHNIA MAGNA	10294 - 17704 MG/L, 48 HOURS
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HEPTANE, BRANCHED, CYCLIC AND LINEAR (CAS 426260-76-6)

AQUATIC:

ACUTE:

CRUSTACEA	EC50	WATER FLEA (DAPHNIA MAGNA)	1.5 MG/L, 48 HOURS
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METHANOL (CAS 67-56-1)

AQUATIC:

CRUSTACEA	EC50	WATER FLEA (DAPHNIA MAGNA)	>10000 MG/L, 48 HOURS
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FISH	LC50	FATHEAD MINNOW (PIMEPHALES PROMELAS)	>100 MG/L, 96 HOURS
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NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (CAS 64742-49-0)

AQUATIC:

ACUTE:

CRUSTACEA	EC50	DAPHNIA	1 - 10 MG/L, 48 HOURS
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FISH	LC50	FISH	1 - 10 MG/L, 96 HOURS
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N-HEPTANE (CAS 142-82-5)

AQUATIC:

ACUTE:

CRUSTACEA	EC50	WATER FLEA (DAPHNIA MAGNA)	1.5 MG/L, 48 HOURS
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FISH	LC50	FATHEAD MINNOW (PIMEPHALES PROMELAS)	2.1 - 2.98 MG/L, 96 HOURS
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SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. (CAS 64742-89-8)

AQUATIC:

FISH	LC50	RAINBOW TROUT, DONALDSON TROUT (ONCORHYNCHUS MYKISS)	8.8 MG/L, 96 HOURS 8.8 MG/L, 96 HOURS
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ACUTE:

CRUSTACEA	EC50	WATER FLEA (DAPHNIA MAGNA)	1.5 MG/L, 48 HOURS
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TOLUENE (CAS 108-88-3)

ACUTE:

OTHER	EC50	PSEUDOKIRCHNERELLA SUBCAPITATA	433 MG/L, 96 HOURS 12.5 MG/L, 72 HOURS
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AQUATIC:

ACUTE:

CRUSTACEA	EC50	WATER FLEA (DAPHNIA MAGNA)	6 MG/L, 48 HOURS
FISH	LC50	COHO SALMON, SILVER SALMON (ONCORHYNCHUS KISUTCH)	5.5 MG/L, 96 HOURS

PERSISTENCE AND DEGRADABILITY:

NO DATA IS AVAILABLE ON THE DEGRADABILITY OF ANY INGREDIENTS IN THE MIXTURE.

BIOACCUMULATIVE POTENTIAL:

PARTITION COEFFICIENT N-OCTANOL / WATER (LOG KOW):

ACETONE: -0.24
METHANOL: -0.77
N-HEPTANE: 4.66
TOLUENE: 2.73

BIOCONCENTRATION FACTOR (BCF):

NAPHTHA (PETROLEUM), HYDROTREATED LIGHT: 10 - 25000
TOLUENE: 90

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



DISPOSAL INSTRUCTIONS:

THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF AS HAZARDOUS WASTE. COLLECT AND RECLAIM OR DISPOSE IN SEALED CONTAINERS AT LICENSED WASTE DISPOSAL SITE. CONTENTS UNDER PRESSURE. DO NOT ALLOW THIS MATERIAL TO DRAIN INTO SEWERS/WATER SUPPLIES. DO NOT CONTAMINATE PONDS, WATERWAYS OR DITCHES WITH CHEMICAL OR USED CONTAINER. DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

HAZARDOUS WASTE CODE:

D001: WASTE FLAMMABLE MATERIAL WITH A FLASH POINT <140 F
F003: WASTE NON-HALOGENATED SOLVENT - SPENT NON-HALOGENATED SOLVENT
F005: WASTE NON-HALOGENATED SOLVENT - SPENT NON-HALOGENATED SOLVENT

CONTAMINATED PACKAGING:

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

14. TRANSPORT INFORMATION



DOT:

UN NUMBER: UN1950
UN PROPER SHIPPING NAME: AEROSOLS, FLAMMABLE, LIMITED QUANTITY

TRANSPORT HAZARD CLASS(ES):

CLASS: 2.1

SUBSIDIARY RISK: 6.1 (PGIII)

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

OTHER INFORMATION:
PASSENGER AND CARGO AIRCRAFT: ALLOWED WITH RESTRICTIONS.
CARGO AIRCRAFT ONLY: ALLOWED WITH RESTRICTIONS.

IATA:

UN NUMBER: UN1950

UN PROPER SHIPPING NAME:
AEROSOLS, FLAMMABLE, CONTAINING SUBSTANCES IN DIVISION 6.1, PACKING GROUP
III

TRANSPORT HAZARD CLASS(ES):

CLASS: 2.1

SUBSIDIARY RISK: 6.1(PGIII)

PACKING GROUP: NOT APPLICABLE.

ERG CODE: 10P

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

OTHER INFORMATION:
PASSENGER AND CARGO AIRCRAFT: ALLOWED WITH RESTRICTIONS.
CARGO AIRCRAFT ONLY: ALLOWED WITH RESTRICTIONS.

IMDG:

UN NUMBER: UN1950

UN PROPER SHIPPING NAME: AEROSOLS

TRANSPORT HAZARD CLASS(ES):
CLASS: 2.1

SUBSIDIARY RISK: 6.1(PGIII)

PACKING GROUP: NOT APPLICABLE.

ENVIRONMENTAL HAZARDS:

MARINE POLLUTANT: YES, BUT EXEMPT FROM THE REGULATIONS.

EMS: NOT AVAILABLE.

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

DOT: LIMITED QUANTITY FOR PACKAGES NOT PREPARED FOR AIR TRANSPORT

IATA; IMDG:
CLASS 2.1 - FLAMMABLE GASES
CLASS 6.1 - TOXIC



15. REGULATORY INFORMATION

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.

OSHA SPECIFICALLY REGULATED SUBSTANCES (29 CFR 1910.1001-1053): NOT LISTED.

US EPCRA (SARA TITLE III) SECTION 313 - TOXIC CHEMICAL: LISTED SUBSTANCE
METHANOL (CAS 67-56-1)
TOLUENE (CAS 108-88-3)

CERCLA HAZARDOUS SUBSTANCE LIST (40 CFR 302.4):
ACETONE (CAS 67-64-1)
METHANOL (CAS 67-56-1)
TOLUENE (CAS 108-88-3)

CERCLA HAZARDOUS SUBSTANCES: REPORTABLE QUANTITY
ACETONE (CAS 67-64-1): 5000 LBS
METHANOL (CAS 67-56-1): 5000 LBS
TOLUENE (CAS 108-88-3): 1000 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.

OTHER FEDERAL REGULATIONS:

CLEAN AIR ACT (CAA) SECTION 112 HAZARDOUS AIR POLLUTANTS (HAPS) LIST:
METHANOL (CAS 67-56-1)
TOLUENE (CAS 108-88-3)

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

SAFE DRINKING WATER ACT (SDWA):
CONTAINS COMPONENT(S) REGULATED UNDER THE SAFE DRINKING WATER ACT.

DRUG ENFORCEMENT ADMINISTRATION (DEA). LIST 2, ESSENTIAL CHEMICALS (21 CFR
1310.02(B) AND 1310.04(F) (2) AND CHEMICAL CODE NUMBER:
ACETONE (CAS 67-64-1): 6532
TOLUENE (CAS 108-88-3): 6594

DRUG ENFORCEMENT ADMINISTRATION (DEA). LIST 1 & 2 EXEMPT CHEMICAL MIXTURES
(21 CFR 1310.12(C)):
ACETONE (CAS 67-64-1): 35%WV
TOLUENE (CAS 108-88-3): 35%WV

DEA EXEMPT CHEMICAL MIXTURES CODE NUMBER:
ACETONE (CAS 67-64-1): 6532
TOLUENE (CAS 108-88-3): 594

FEMA PRIORITY SUBSTANCES RESPIRATORY HEALTH AND SAFETY IN THE FLAVOR
MANUFACTURING WORKPLACE:
ACETONE (CAS 67-64-1): LOW PRIORITY

FOOD AND DRUG ADMINISTRATION (FDA): NOT REGULATED.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA):

CLASSIFIED HAZARD CATEGORIES:

FLAMMABLE (GASES, AEROSOLS, LIQUIDS, OR SOLIDS)
GAS UNDER PRESSURE
ACUTE TOXICITY (ANY ROUTE OF EXPOSURE)
SKIN CORROSION OR IRRITATION
SERIOUS EYE DAMAGE OR EYE IRRITATION
REPRODUCTIVE TOXICITY
SPECIFIC TARGET ORGAN TOXICITY (SINGLE OR REPEATED EXPOSURE)
ASPIRATION HAZARD
HAZARD NOT OTHERWISE CLASSIFIED (HNOC)

SARA 302 EXTREMELY HAZARDOUS SUBSTANCE: NOT LISTED.

SARA 311/312 HAZARDOUS CHEMICAL: YES

SARA 313 (TRI REPORTING):

CHEMICAL NAME CAS NUMBER % BY WT.

METHANOL 67-56-1 10 - 20

TOLUENE 108-88-3 5 - 10

US STATE REGULATIONS:

US. NEW JERSEY WORKER AND COMMUNITY RIGHT-TO-KNOW ACT:

ACETONE (CAS 67-64-1)
CARBON DIOXIDE (CAS 124-38-9)
METHANOL (CAS 67-56-1)
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (CAS 64742-49-0)
N-HEPTANE (CAS 142-82-5)
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. (CAS 64742-89-8)
TOLUENE (CAS 108-88-3)

US. MASSACHUSETTS RTK - SUBSTANCE LIST:

ACETONE (CAS 67-64-1)
CARBON DIOXIDE (CAS 124-38-9)
METHANOL (CAS 67-56-1)
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (CAS 64742-49-0)
N-HEPTANE (CAS 142-82-5)
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. (CAS 64742-89-8)
TOLUENE (CAS 108-88-3)

US. PENNSYLVANIA WORKER AND COMMUNITY RIGHT-TO-KNOW LAW:

ACETONE (CAS 67-64-1)
CARBON DIOXIDE (CAS 124-38-9)
METHANOL (CAS 67-56-1)
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (CAS 64742-49-0)
N-HEPTANE (CAS 142-82-5)
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. (CAS 64742-89-8)
TOLUENE (CAS 108-88-3)

US. RHODE ISLAND RTK:

ACETONE (CAS 67-64-1)
CARBON DIOXIDE (CAS 124-38-9)
METHANOL (CAS 67-56-1)
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (CAS 64742-49-0)
N-HEPTANE (CAS 142-82-5)
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. (CAS 64742-89-8)
TOLUENE (CAS 108-88-3)

CALIFORNIA PROPOSITION 65:

WARNING: CANCER AND REPRODUCTIVE HARM - WWW.P65WARNINGS.CA.GOV

CALIFORNIA PROPOSITION 65 - CRT: LISTED DATE/CARCINOGENIC SUBSTANCE

ACETALDEHYDE (CAS 75-07-0):
LISTED: APRIL 1, 1988

BENZENE (CAS 71-43-2):
LISTED: FEBRUARY 27, 1987

CUMENE (CAS 98-82-8):
LISTED: APRIL 6, 2010

ETHYLBENZENE (CAS 100-41-4):
LISTED: JUNE 11, 2004

NAPHTHALENE (CAS 91-20-3):
LISTED: APRIL 19, 2002

CALIFORNIA PROPOSITION 65 - CRT: LISTED DATE/DEVELOPMENTAL TOXIN

BENZENE (CAS 71-43-2):
LISTED: DECEMBER 26, 1997

METHANOL (CAS 67-56-1):
LISTED: MARCH 16, 2012

TOLUENE (CAS 108-88-3):
LISTED: JANUARY 1, 1991

CALIFORNIA PROPOSITION 65 - CRT: LISTED DATE/MALE REPRODUCTIVE TOXIN

BENZENE (CAS 71-43-2):
LISTED: DECEMBER 26, 1997

N-HEXANE (CAS 110-54-3):
LISTED: DECEMBER 15, 2017

US. CALIFORNIA. CANDIDATE CHEMICALS LIST. SAFER CONSUMER PRODUCTS
REGULATIONS (CAL. CODE REGS, TIT. 22, 69502.3, SUBD. (A)):

ACETONE (CAS 67-64-1)
METHANOL (CAS 67-56-1)
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (CAS 64742-49-0)
N-HEPTANE (CAS 142-82-5)
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. (CAS 64742-89-8)
TOLUENE (CAS 108-88-3)

VOLATILE ORGANIC COMPOUNDS (VOC) REGULATIONS:

EPA:
VOC CONTENT (40 CFR 51.100(S)): 43.8%

CONSUMER PRODUCTS (40 CFR 59, SUBPT. C): NOT REGULATED

STATE:

CONSUMER PRODUCTS:
THIS PRODUCT IS REGULATED AS A BRAKE CLEANER. THIS PRODUCT IS NOT COMPLIANT
TO BE SOLD FOR USE IN CALIFORNIA, COLORADO, CONNECTICUT, DELAWARE,
MARYLAND, NEW HAMPSHIRE, RHODE ISLAND, AND THE FOLLOWING COUNTIES IN UTAH:
BOX ELDER, CACHE, DAVIS, SALT LAKE, TOOELE, UTAH, AND WEBER. THIS PRODUCT
IS COMPLIANT IN ALL OTHER STATES.

VOC CONTENT (CA): 43.8%
VOC CONTENT (OTC): 43.8%

INTERNATIONAL INVENTORIES:

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

(AICS)

CANADA	DOMESTIC SUBSTANCES LIST (DSL)	YES
CANADA	NON-DOMESTIC SUBSTANCES LIST (NDSL)	NO
CHINA	INVENTORY OF EXISTING CHEMICAL SUBSTANCES IN CHINA (IECSC)	NO
EUROPE	EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS)	NO
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
TAIWAN	TAIWAN CHEMICAL SUBSTANCE INVENTORY (TCSI)	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



OR LAST REVISION

ISSUE DATE: 01-01-2020

REVISION DATE: 03-06-2020

PREPARED BY: ALLISON YOON

VERSION #: 02

FURTHER INFORMATION: CRC # 991/1002986

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'S 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, INC..

REVISION INFORMATION:

HAZARD(S) IDENTIFICATION: HAZARD STATEMENT

HAZARD(S) IDENTIFICATION: PREVENTION

HAZARD(S) IDENTIFICATION: RESPONSE

FIRE-FIGHTING MEASURES: SPECIFIC METHODS

STABILITY AND REACTIVITY: INCOMPATIBLE MATERIALS
TOXICOLOGICAL INFORMATION: TOXICOLOGICAL DATA
DISPOSAL CONSIDERATIONS: DISPOSAL INSTRUCTIONS
TRANSPORT INFORMATION: MATERIAL TRANSPORTATION INFORMATION
REGULATORY INFORMATION: CONSUMER PRODUCTS

MATERIAL NAME: BRAKLEEN(R*) BRAKE PARTS CLEANER - 14 OZ

SDS US