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MSDS

Common Name: PYROIL CARB & CHOKE CLEANER

Manufacturer: ASHLAND CHEMICAL

MSDS Revision Date: 1/25/2008

Grainger Item Number(s): 1PKT8

Manufacturer Model Number(s):

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ASHLAND (R*)

SAFETY DATA SHEET

REVISION DATE: 01/25/2008

PRINT DATE: 3/6/2008

MSDS NUMBER: R0328421

VERSION: 1.4

PYROIL(R*) CARB & CHOKE CLEANER PYC16

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION



AND OF THE COMPANY/UNDERTAKING

ASHLAND
P.O. BOX 2219
COLUMBUS, OH 43216

REGULATORY INFORMATION NUMBER: 1-800-325-3751

TELEPHONE: 614-790-3333

EMERGENCY TELEPHONE:

1-800-ASHLAND
(1-800-274-5263)

PRODUCT NAME: PYROIL(R*) CARB & CHOKE CLEANER

PRODUCT CODE: PYC16

PRODUCT USE DESCRIPTION: NO DATA

2. HAZARDS IDENTIFICATION



EMERGENCY OVERVIEW:

APPEARANCE: LIQUID

WARNING!

EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. MAY AFFECT THE CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. HARMFUL IF SWALLOWED. MAY CAUSE EYE IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.

POTENTIAL HEALTH EFFECTS:

ROUTES OF EXPOSURE: INHALATION, SKIN ABSORPTION, SKIN CONTACT, EYE CONTACT

EYE CONTACT:

CAN CAUSE EYE IRRITATION. SYMPTOMS INCLUDE STINGING, TEARING, REDNESS, AND SWELLING OF EYES.

SKIN CONTACT:

CAN CAUSE SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, AND DRYING AND CRACKING OF SKIN, BURNS AND OTHER SKIN DAMAGE. PASSAGE OF THIS MATERIAL INTO THE BODY THROUGH THE SKIN IS POSSIBLE, AND MAY ADD TO TOXIC EFFECTS FROM BREATHING OR SWALLOWING.

INGESTION:

SWALLOWING THIS MATERIAL MAY BE HARMFUL. THIS MATERIAL CAN GET INTO THE LUNGS DURING SWALLOWING OR VOMITING. THIS RESULTS IN LUNG INFLAMMATION AND OTHER LUNG INJURY.

INHALATION:

BREATHING AEROSOL AND/OR MIST IS POSSIBLE WHEN MATERIAL IS SPRAYED. AEROSOL AND MIST MAY PRESENT A GREATER RISK OF INJURY BECAUSE MORE MATERIAL MAY BE PRESENT IN THE AIR THAN FROM VAPOR ALONE. BREATHING SMALL AMOUNTS OF THIS MATERIAL DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS. BREATHING LARGE AMOUNTS MAY BE HARMFUL. SYMPTOMS ARE NOT EXPECTED AT AIR CONCENTRATIONS BELOW THE RECOMMENDED EXPOSURE LIMITS, IF APPLICABLE (SEE SECTION 8.).

AGGRAVATED MEDICAL CONDITION:

PREEXISTING DISORDERS OF THE FOLLOWING ORGANS (OR ORGAN SYSTEMS) MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL:
SKIN, LUNG (FOR EXAMPLE, ASTHMA-LIKE CONDITIONS), LIVER, KIDNEY, CENTRAL NERVOUS SYSTEM, PANCREAS, HEART, MALE REPRODUCTIVE SYSTEM, AUDITORY SYSTEM, EXPOSURE TO THIS MATERIAL MAY AGGRAVATE ANY PREEXISTING CONDITION SENSITIVE TO A DECREASE IN AVAILABLE OXYGEN, SUCH AS CHRONIC LUNG DISEASE, CORONARY ARTERY DISEASE OR ANEMIAS., INDIVIDUALS WITH PREEXISTING HEART DISORDERS MAYBE MORE SUSCEPTIBLE TO ARRHYTHMIAS (IRREGULAR HEARTBEATS) IF EXPOSED TO HIGH CONCENTRATIONS OF THIS MATERIAL.

SYMPTOMS:

SIGNS AND SYMPTOMS OF EXPOSURE TO THIS MATERIAL THROUGH BREATHING, SWALLOWING, AND/OR PASSAGE OF THE MATERIAL THROUGH THE SKIN MAY INCLUDE:

MOUTH AND THROAT IRRITATION (SORENESS, DRY OR SCRATCHY FEELING, COUGH), STOMACH OR INTESTINAL UPSET (NAUSEA, VOMITING, DIARRHEA), IRRITATION (NOSE, THROAT, AIRWAYS), COUGH, DISCOMFORT IN THE CHEST, CENTRAL NERVOUS SYSTEM DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS) AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS, MUSCLE CRAMPS, PAIN IN THE ABDOMEN AND LOWER BACK, RESPIRATORY DEPRESSION (SLOWING OF THE BREATHING RATE), BLURRED VISION, SHORTNESS OF BREATH, CYANOSIS (CAUSES BLUE COLORING OF THE SKIN AND NAILS FROM LACK OF OXYGEN), HIGH BLOOD SUGAR, NARCOSIS (DAZED OR SLUGGISH FEELING), VISUAL IMPAIRMENT (INCLUDING BLINDNESS), COMA, AND DEATH

TARGET ORGANS:

THIS MATERIAL (OR A COMPONENT) SHORTENS THE TIME OF ONSET OR WORSENS THE LIVER AND KIDNEY DAMAGE INDUCED BY OTHER CHEMICALS., EXPOSURE TO LETHAL CONCENTRATIONS OF METHANOL HAS BEEN SHOWN TO CAUSE DAMAGE TO ORGANS INCLUDING LIVER, KIDNEYS, PANCREAS, HEART, LUNGS AND BRAIN. ALTHOUGH THIS RARELY OCCURS, SURVIVORS OF SEVERE INTOXICATION MAY SUFFER FROM PERMANENT NEUROLOGICAL DAMAGE.

OVEREXPOSURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN LABORATORY ANIMALS: CARDIAC SENSITIZATION, TESTIS DAMAGE, KIDNEY DAMAGE, LIVER DAMAGE, CENTRAL NERVOUS SYSTEM DAMAGE, EFFECTS ON HEARING, OVEREXPOSURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS: CENTRAL NERVOUS SYSTEM EFFECTS, VISUAL IMPAIRMENT

CARCINOGENICITY:

THIS MATERIAL IS NOT EXPECTED TO CAUSE CANCER IN HUMANS SINCE IT DID NOT CAUSE CANCER IN LABORATORY ANIMALS. THIS MATERIAL IS NOT LISTED AS A CARCINOGEN BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC), THE NATIONAL TOXICOLOGY PROGRAM (NTP), OR THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).

REPRODUCTIVE HAZARD:

BASED ON THE AVAILABLE INFORMATION, RISK TO THE FETUS FROM MATERNAL EXPOSURE TO THIS MATERIAL CANNOT BE ASSESSED.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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COMPONENTS	CAS-NO.	CONCENTRATION
ACETONE	67-64-1	>/=50-<60%
METHANOL	67-56-1	>/=20-<30%
XYLENE	1330-20-7	>/=15-<20%
ETHYL BENZENE	100-41-4	>/=1.5-<5%
CARBON DIOXIDE	124-38-9	>/=1.5-<5%

4. FIRST AID MEASURES

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EYES:

IF SYMPTOMS DEVELOP, IMMEDIATELY MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. FLUSH EYES GENTLY WITH WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS APART; SEEK IMMEDIATE MEDICAL ATTENTION.

SKIN:

REMOVE CONTAMINATED CLOTHING. FLUSH EXPOSED AREA WITH LARGE AMOUNTS OF WATER. IF SKIN IS DAMAGED, SEEK IMMEDIATE MEDICAL ATTENTION. IF SKIN IS NOT DAMAGED AND SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. LAUNDER CLOTHING BEFORE REUSE.

INGESTION:

SEEK MEDICAL ATTENTION. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH; PLACE INDIVIDUAL ON THE LEFT SIDE WITH THE HEAD DOWN. CONTACT A PHYSICIAN, MEDICAL FACILITY, OR POISON CONTROL CENTER FOR ADVICE ABOUT WHETHER TO INDUCE VOMITING. IF POSSIBLE, DO NOT LEAVE INDIVIDUAL UNATTENDED.

INHALATION:
IF SYMPTOMS DEVELOP, MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. KEEP PERSON WARM AND QUIET; SEEK IMMEDIATE MEDICAL ATTENTION.

NOTES TO PHYSICIAN:

HAZARDS:
INHALATION OF HIGH CONCENTRATIONS OF THIS MATERIAL, AS COULD OCCUR IN ENCLOSED SPACES OR DURING DELIBERATE ABUSE, MAY BE ASSOCIATED WITH CARDIAC ARRHYTHMIAS. SYMPATHOMIMETIC DRUGS MAY INITIATE CARDIAC ARRHYTHMIAS IN PERSONS EXPOSED TO THIS MATERIAL. THIS PRODUCT CONTAINS METHANOL WHICH CAN CAUSE INTOXICATION AND CENTRAL NERVOUS SYSTEM DEPRESSION. METHANOL IS METABOLIZED TO FORMIC ACID AND FORMALDEHYDE. THESE METABOLITES CAN CAUSE METABOLIC ACIDOSIS, VISUAL DISTURBANCES AND BLINDNESS. SINCE METABOLISM IS REQUIRED FOR THESE TOXIC SYMPTOMS, THEIR ONSET MAY BE DELAYED FROM 6 TO 30 HOURS FOLLOWING INGESTION. ETHANOL COMPETES FOR THE SAME METABOLIC PATHWAY AND HAS BEEN USED TO PREVENT METHANOL METABOLISM. ETHANOL ADMINISTRATION IS INDICATED IN SYMPTOMATIC PATIENTS OR AT BLOOD METHANOL CONCENTRATIONS ABOVE 20 (MICRO)G/DL. METHANOL IS EFFECTIVELY REMOVED BY HEMODIALYSIS. THIS MATERIAL IS AN ASPIRATION HAZARD. POTENTIAL DANGER FROM ASPIRATION MUST BE WEIGHED AGAINST POSSIBLE ORAL TOXICITY (SEE SECTION 2 -SWALLOWING) WHEN DECIDING WHETHER TO INDUCE VOMITING. THIS MATERIAL (OR A COMPONENT) HAS PRODUCED HYPERGLYCEMIA AND KETOSIS FOLLOWING SUBSTANTIAL INGESTION.

TREATMENT: NO INFORMATION AVAILABLE.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:
WATER MIST, CARBON DIOXIDE (CO₂), DRY CHEMICAL

HAZARDOUS COMBUSTION PRODUCTS:
MAY FORM: CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS

PRECAUTIONS FOR FIRE-FIGHTING:
MATERIAL IS VOLATILE AND READILY GIVES OFF VAPORS WHICH MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION AND IGNITED BY PILOT LIGHTS, FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE OR OTHER IGNITION SOURCES AT LOCATIONS NEAR THE MATERIAL HANDLING POINT. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY. WEAR FULL FIREFIGHTING TURN-OUT GEAR (FULL BUNKER GEAR), AND RESPIRATORY PROTECTION (SCBA). USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS AND STRUCTURES UNTIL FIRE IS OUT IF IT CAN BE DONE WITH MINIMAL RISK. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES.

FLAMMABILITY CLASS FOR FLAMMABLE LIQUIDS: FLAMMABLE LIQUID CLASS IB

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:
FOR PERSONAL PROTECTION SEE SECTION 8. PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED.

ENVIRONMENTAL PRECAUTIONS:
PREVENT RUN-OFF TO SEWERS, STREAMS OR OTHER BODIES OF WATER. IF RUN-OFF

OCCURS, NOTIFY PROPER AUTHORITIES AS REQUIRED, THAT A SPILL HAS OCCURRED.

METHODS FOR CLEANING UP:
ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL.

7. HANDLING AND STORAGE

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HANDLING:
CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED. AVOID PROLONGED OR REPEATED CONTACT.

STORAGE:
DO NOT STORE NEAR EXTREME HEAT, OPEN FLAME, OR SOURCES OF IGNITION. MAXIMUM RECOMMENDED STORAGE TEMPERATURE 50 DEGREES C (122 DEGREES F). STORE IN A COOL, DRY, VENTILATED AREA.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE GUIDELINES:

ACETONE 67-64-1:

ACGIH:
TIME WEIGHTED AVERAGE: 500 PPM

ACGIH:
SHORT TERM EXPOSURE LIMIT: 750 PPM

NIOSH:
RECOMMENDED EXPOSURE LIMIT (REL): 250 PPM

NIOSH:
RECOMMENDED EXPOSURE LIMIT (REL): 590 MG/M3

OSHA Z1:
PERMISSIBLE EXPOSURE LIMIT: 1,000 PPM

OSHA Z1:
PERMISSIBLE EXPOSURE LIMIT: 2,400 MG/M3

METHANOL 67-56-1:

ACGIH:
TIME WEIGHTED AVERAGE: 200 PPM

ACGIH:
SHORT TERM EXPOSURE LIMIT: 250 PPM

NIOSH:
RECOMMENDED EXPOSURE LIMIT (REL): 200 PPM

NIOSH:
RECOMMENDED EXPOSURE LIMIT (REL): 260 MG/M3

NIOSH:
SHORT TERM EXPOSURE LIMIT: 250 PPM

NIOSH:
SHORT TERM EXPOSURE LIMIT: 325 MG/M3

OSHA Z1:
PERMISSIBLE EXPOSURE LIMIT: 200 PPM

OSHA Z1:
PERMISSIBLE EXPOSURE LIMIT: 260 MG/M3

XYLENE 1330-20-7:

ACGIH:
TIME WEIGHTED AVERAGE: 100 PPM

ACGIH:
SHORT TERM EXPOSURE LIMIT: 150 PPM

OSHA Z1:
PERMISSIBLE EXPOSURE LIMIT: 100 PPM

OSHA Z1:
PERMISSIBLE EXPOSURE LIMIT: 435 MG/M3

NIOSH:
RECOMMENDED EXPOSURE LIMIT (REL): 100 PPM

NIOSH:
RECOMMENDED EXPOSURE LIMIT (REL): 435 MG/M3

NIOSH:
SHORT TERM EXPOSURE LIMIT: 150 PPM

NIOSH:
SHORT TERM EXPOSURE LIMIT: 655 MG/M3

ETHYL BENZENE 100-41-4:

ACGIH:
TIME WEIGHTED AVERAGE: 100 PPM

ACGIH:
SHORT TERM EXPOSURE LIMIT: 125 PPM

NIOSH:
RECOMMENDED EXPOSURE LIMIT (REL): 100 PPM

NIOSH:
RECOMMENDED EXPOSURE LIMIT (REL): 435 MG/M3

NIOSH:
SHORT TERM EXPOSURE LIMIT: 125 PPM

NIOSH:
SHORT TERM EXPOSURE LIMIT: 545 MG/M3

OSHA Z1:
PERMISSIBLE EXPOSURE LIMIT: 100 PPM

OSHA Z1:
PERMISSIBLE EXPOSURE LIMIT: 435 MG/M3

CARBON DIOXIDE 124-38-9:

ACGIH:
TIME WEIGHTED AVERAGE: 5,000 PPM

ACGIH:
SHORT TERM EXPOSURE LIMIT: 30,000 PPM

NIOSH:
RECOMMENDED EXPOSURE LIMIT (REL): 5,000 PPM

NIOSH:
RECOMMENDED EXPOSURE LIMIT (REL): 9,000 MG/M3

NIOSH:

SHORT TERM EXPOSURE LIMIT: 30,000 PPM

NIOSH:
SHORT TERM EXPOSURE LIMIT: 54,000 MG/M3

OSHA Z1:
PERMISSIBLE EXPOSURE LIMIT: 5,000 PPM

OSHA Z1:
PERMISSIBLE EXPOSURE LIMIT: 9,000 MG/M3

GENERAL ADVICE:
THESE RECOMMENDATIONS PROVIDE GENERAL GUIDANCE FOR HANDLING THIS PRODUCT. PERSONAL PROTECTIVE EQUIPMENT SHOULD BE SELECTED FOR INDIVIDUAL APPLICATIONS AND SHOULD CONSIDER FACTORS WHICH AFFECT EXPOSURE POTENTIAL, SUCH AS HANDLING PRACTICES, CHEMICAL CONCENTRATIONS AND VENTILATION. IT IS ULTIMATELY THE RESPONSIBILITY OF THE EMPLOYER TO FOLLOW REGULATORY GUIDELINES ESTABLISHED BY LOCAL AUTHORITIES.

EXPOSURE CONTROLS:
PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

EYE PROTECTION:
CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED; HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES. CONSULT YOUR SAFETY REPRESENTATIVE.

SKIN AND BODY PROTECTION:
WEAR RESISTANT GLOVES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER). TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

RESPIRATORY PROTECTION:
IF WORKPLACE EXPOSURE LIMIT(S) OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SEE EXPOSURE GUIDELINES), A NIOSH-APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH RESPIRATORS (NEGATIVE PRESSURE TYPE) UNDER SPECIFIED CONDITIONS (SEE YOUR INDUSTRIAL HYGIENIST). ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

9. PHYSICAL AND CHEMICAL PROPERTIES

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PHYSICAL STATE: LIQUID

FORM: AEROSOL

COLOR: NO DATA

ODOR: NO DATA

BOILING POINT/BOILING RANGE: 56.00 DEG. C / 133 DEG. F @ 1,013.23 HPA

pH: NO DATA

FLASH POINT: -4 DEG. F / -20 DEG. C

EVAPORATION RATE: NO DATA

EXPLOSION LIMITS:

1 % (V)

36 % (V)

VAPOR PRESSURE: 307.96 HPA @ 77 DEG. F / 25 DEG. C

VAPOR DENSITY: NO DATA

DENSITY:

Grainger MSDS Lookup

0.8132 G/CM3 @ 60.01 DEG. F / 15.56 DEG. C
NO DATA

SOLUBILITY: NO DATA

PARTITION COEFFICIENT n-OCTANOL/WATER: NO DATA

AUTOIGNITION TEMPERATURE: NO DATA

10. STABILITY AND REACTIVITY

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STABILITY: STABLE.

CONDITIONS TO AVOID:
AVOID CONTACT WITH:

INCOMPATIBLE PRODUCTS:

AVOID CONTACT WITH:
REACTIVE METALS SUCH AS ALUMINUM AND MAGNESIUM, STRONG ACIDS, STRONG
OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS:
MAY FORM: CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS

HAZARDOUS REACTIONS: PRODUCT WILL NOT UNDERGO HAZARDOUS POLYMERIZATION.

THERMAL DECOMPOSITION: NO DATA

11. TOXICOLOGICAL INFORMATION

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ACUTE ORAL TOXICITY:

ACETONE:
LD50 RAT: 5,800 MG/KG

METHANOL:
LDLO HUMAN: 300 MG/KG

XYLENE:
LD50 RAT: 4,300 MG/KG

ETHYL BENZENE:
LD50 RAT: 3,500 MG/KG

ACUTE INHALATION TOXICITY:

ACETONE:
LC50 RAT: >16000 PPM, 4 H

METHANOL:
LC50 RAT: 64000 PPM, 4 H

ETHYL BENZENE:
LCLO RAT: 4000 PPM, 4 H

ACUTE DERMAL TOXICITY:

ACETONE:
LD50 RABBIT: >20,000 MG/KG

METHANOL:
LD50 RABBIT: 12,800 MG/KG

XYLENE:

LD50 RABBIT: >2,000 MG/KG

ETHYL BENZENE:
LD50 RABBIT: 15,433 MG/KG

12. ECOLOGICAL INFORMATION

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AQUATIC TOXICITY:

ACUTE AND PROLONGED TOXICITY TO FISH: NO DATA

ACUTE TOXICITY TO AQUATIC INVERTEBRATES: NO DATA

ENVIRONMENTAL FATE AND PATHWAYS: NO DATA

13. DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHODS:

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. FOR ASSISTANCE WITH YOUR WASTE MANAGEMENT NEEDS - INCLUDING DISPOSAL, RECYCLING AND WASTE STREAM REDUCTION, CONTACT ASHLAND DISTRIBUTION'S ENVIRONMENTAL SERVICES GROUP AT 800-637-7922.

14. TRANSPORT INFORMATION

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IMDG: UN1950, AEROSOLS 2.1

IATA_P: UN1950, AEROSOLS, FLAMMABLE 2.1

IATA_C: UN1950, AEROSOLS, FLAMMABLE 2.1

CFR_ROAD: UN1950, AEROSOLS 2.1

CFR_RAIL: UN1950, AEROSOLS 2.1

CFR_INWTR: UN1950, AEROSOLS 2.1

DANGEROUS GOODS DESCRIPTIONS (IF INDICATED ABOVE) MAY NOT REFLECT PACKAGE SIZE, QUANTITY, END-USE OR REGION-SPECIFIC EXCEPTIONS THAT CAN BE APPLIED. CONSULT SHIPPING DOCUMENTS FOR DESCRIPTIONS THAT ARE SPECIFIC TO THE SHIPMENT.

15. REGULATORY INFORMATION

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CALIFORNIA PROP. 65:

WARNING!

THIS PRODUCT CONTAINS A CHEMICAL KNOWN IN THE STATE OF CALIFORNIA TO CAUSE CANCER.

ETHYL BENZENE
BENZENE

WARNING!

THIS PRODUCT CONTAINS A CHEMICAL KNOWN IN THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

TOLUENE
BENZENE

Grainger MSDS Lookup

SARA HAZARD CLASSIFICATION:
 FIRE HAZARD
 ACUTE HEALTH HAZARD
 CHRONIC HEALTH HAZARD

SARA 313 COMPONENT(S) :

METHANOL	67-56-1	25.4608%
XYLENE	1330-20-7	16.4964%
ETHYL BENZENE	100-41-4	4.7132%

	HMIS	NFPA
HEALTH		3
FLAMMABILITY		4
REACTIVITY		0
OTHER	NO DATA	

16. OTHER INFORMATION

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THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES. THIS MSDS HAS BEEN PREPARED BY ASHLAND'S ENVIRONMENTAL HEALTH AND SAFETY DEPARTMENT (1-800-325-3751).