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MATERIAL SAFETY DATA SHEET

CLEAN SOLVE

SECTION 1 MATERIAL IDENTIFICATION

WHMIS CLASSIFICATION
HMIS:

WHMIS CLASS A, D-1A
HEALTH 2, FLAMMABILITY 3, REACTIVITY 0,
PERSONAL PROTECTION B

CHEMICAL FORMULA
MOLECULAR WEIGHT
MATERIAL USE

MIXTURE
NOT APPLICABLE
CLEANER

SECTION 2 HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENT
APPROX. CONCENTRATION %
CAS
EXPOSURE LIMITS
LD50/LC50/SPECIES/ROUTE

HEXANE
60-100
110-54-3
50 PPM
NOT AVAILABLE

HAZARDOUS INGREDIENT
APPROX. CONCENTRATION %
CAS
EXPOSURE LIMITS
LD50/LC50/SPECIES/ROUTE

CARBON DIOXIDE
20-80
124-38-9
5000 PPM
NOT AVAILABLE

HAZARDOUS INGREDIENT
APPROX. CONCENTRATION %
CAS
EXPOSURE LIMITS
LD50/LC50/SPECIES/ROUTE

ETHANOL
20-80
64-17-5
1000 PPM
NOT AVAILABLE

HAZARDOUS INGREDIENT
APPROX. CONCENTRATION %
CAS
EXPOSURE LIMITS
LD50/LC50/SPECIES/ROUTE

METHANOL
20-80
67-56-1
200 PPM/SKIN
NOT AVAILABLE

SECTION 3 PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE
ODOUR AND APPEARANCE
ODOUR THRESHOLD (PPM)
SPECIFIC GRAVITY
VAPOUR PRESSURE (MM)
VAPOUR DENSITY (AIR =1)
EVAPORATION RATE
BOILING POINT (°C)

AEROSOL
SOLVENT ODOUR, CLEAR LIQUID
NOT AVAILABLE
0.80
NOT AVAILABLE
HEAVIER THAN AIR
SLOWER THAN ETHER
142-170°F

SOLUBILITY IN WATER (20°C)
% VOLATILE (BY VOL.)
PH

NOT AVAILABLE
NOT AVAILABLE
NOT APPLICABLE

SECTION 4 FIRE AND EXPLOSION DATA

FLAMMABILITY	FLAMMABLE
MEANS OF EXTINCTION	WATER FOG, CARBON DIOXIDE OR DRY CHEMICAL.
SPECIAL PROCEDURES	WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN THE POSITIVE PRESSURE MODE. USE WATER SPRAY TO KEEP CONTAINERS COOL.
FLASHPOINT (°C) AND METHOD	<0°F
UPPER EXPLOSION LIMIT (% BY VOL.)	9.5
LOWER EXPLOSION LIMIT (% BY VOL.)	1.0
HAZARDOUS COMBUSTION PRODUCTS	NOT KNOWN

SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBILITY? TO WHAT?	NONE KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS	CARBON DIOXIDE, CARBON MONOXIDE

SECTION 6 TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT Y/N	Y
ROUTE OF ENTRY EYE CONTACT Y/N	Y
ROUTE OF ENTRY INHALATION Y/N	Y
ROUTE OF ENTRY INGESTION Y/N	Y
EFFECTS OF ACUTE EXPOSURE	SKIN IRRITANT, WILL CAUSE DEFATTING OF THE SKIN. EYE IRRITANT. WILL CAUSE REDNESS AND BURNING SENSATION. EFFECTS OF INHALATION OVEREXPOSURE INCLUDE IRRITATION OF RESPIRATORY TRACT, HEADACHE, DIZZINESS, NAUSEA AND LOSS OF COORDINATION. ASPIRATION HAZARD IF SWALLOWED. METHANOL MAY CAUSE BLINDNESS OR DEATH IS SWALLOWED.
EFFECTS OF CHRONIC EXPOSURE	NONE KNOWN
SYNERGISTIC MATERIALS	NOT AVAILABLE
CARCINOGENICITY Y/N	N
REPRODUCTIVE EFFECTS Y/N	N
TERATOGENCITY Y/N	N
MUTAGENICITY Y/N	N

SECTION 7 PREVENTIVE MEASURES

GLOVES	RUBBER
EYEWEAR	SAFETY GLASSES OR GOGGLES
FOOTWEAR	NORMAL FOOTWEAR
CLOTHING	WEAR IMPERVIOUS PROTECTIVE CLOTHING.
ENGINEERING CONTROLS	GOOD VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.
LEAK AND SPILL PROCEDURE	SPILLS CAN BE HANDLED ROUTINELY. MAY BE ABSORBED WITH DIATOMACEOUS EARTH OR CLAY. COLLECT FOR RECOVERY OR DISPOSAL.
WASTE DISPOSAL	CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.
STORAGE REQUIREMENTS	KEEP IN A COOL WELL-VENTILATED PLACE. KEEP AWAY FROM HEAT, SPARKS AND FLAME. DO NOT PUNCTURE, INCINERATE, STORE THE CONTAINER AT TEMPERATURES ABOVE 49°C (120°F) OR IN DIRECT SUNLIGHT.

SECTION 8 FIRST AID MEASURES

SKIN	THOROUGHLY WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
EYE	IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 20 MINUTES, KEEPING EYELIDS OPEN. SEEK MEDICAL ATTENTION.
INHALATION	REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.
INGESTION	DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

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