

Material Safety Data Sheet

INNOVATIVE CHEMICAL CORPORATION

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MATERIAL SAFETY DATA SHEET

MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD, 29 CFR
1910.1200. STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

MANUFACTURER'S NAME:

WORLD MARKETING OF AMERICA, INC.

PREPARED BY

QCSupervisor 10/18/99

SECTION I-IDENTIFICATION

TRADE NAME:

KERO KLEAN

PRODUCT CODE:

IC037

DOT CLASS:

FLAMMABLE LIQUID

CHEMICAL NAME:

MIXTURE

SECTION II-HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS

CAS # OSHA PEL

ACGIH TLV

METHYL ALCOHOL 67-56-1 250 PPM 250 PPM

ALL OTHER COMPONENTS ARE CONSIDERED NON-HAZARDOUS PER OSHA 29CFR 1910.1200

PLEASE NOTE THAT THE CHEMICAL IDENTITY AND PERCENT COMPOSITION OF SOME OR ALL OF THE ABOVE HAZARDOUS INGREDIENTS IS CONFIDENTIAL BUSINESS INFORMATION AND IS BEING WITHHELD AS PERMITTED BY 29CFR 1910.1200 AND VARIOUS STATES RIGHT TO KNOW LAWS.

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 147 F

SPECIFIC GRAVITY (H2O=1): 0.80

VAPOR PRESSURE (MM Hg): 47.300 mmHG @ 60 F

MELTING POINT: ND

VAPOR DENSITY (AIR=1): ND

EVAPORATION RATE (BUTYL ACETATE=1): 2.1 (N=BUTYL ACETATE)

SOLUBILITY IN WATER: SOLUBE

% VOLATILE BY WEIGHT: ND

WEIGHT (LB/GAL): 6.65

% SOLIDS: ND

VISCOSITY: (BROOKFIELD) ND

PH: ND

APPEARANCE AND ODOR: CLEAR LIQUID, PINE ODOR

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TAG CC) 54 DEG. F.
6.0 36.0

LEL **OEL**

EXTINGUISHING MEDIA: CO2, DRY CHEMICAL. FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: S.C.B.A. & BUNKER GEAR RECOMMENDED.

UNUSUAL FIRE AND EXPLOSION HAZARDS: TOXIC FUMES, GASES OR VAPORS MAY EVOLVE ON BURNING.

SECTION V-REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAME. KEEP CONTAINERS TIGHTLY CLOSED, WASH HANDS AFTER HANDLING.

INCOMPATIBILITY (MATERIALS TO AVOID): ALKALIS, STRONG OXIDIZING AGENTS, ACIDS, AMINES AND CHLORO COMPOUNDS.

HAZARDOUS DECOMPOSITION BYPRODUCTS: CO, CO2.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION VI-HEALTH HAZARD DATA

ACUTE HEALTH HAZARDS: INGESTION MAY CAUSE RED BLOOD CELL HEMOLYSIS AND POSSIBLE LIVER AND KIDNEY DAMAGE.

CHRONIC HEALTH HAZARDS: MAY CAUSE CHRONIC HEALTH EFFECTS BASED ON DATA WITH LABORATORY ANIMALS, (SEE ABOVE).

CARCINOGENICITY: UNKNOWN

SIGNS AND SYMPTOMS OF EXPOSURE

EYES: VISUAL IMPAIRMENT (INCLUDING BLINDNESS)

DERMAL: IRRITATION, DEFATTING, REDNESS.

INHALATION: MAY CAUSE DIZZINESS, HEADACHES, NAUSEA, AND VOMITING.

INGESTION: NAUSEA, VOMITING, ABDOMINAL CRAMPS, AND IRRITATION OF THE GASTROINTESTINAL LINING.

EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH WITH LARGE AMOUNTS OF COOL WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN.

DERMAL: WASH WITH SOAP & WATER AND RINSE THOROUGHLY. REMOVE CONTAMINATED CLOTHING.

INHALATION: REMOVE PERSON TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN, GET MEDICAL ATTENTION.

INGESTION: GIVE CONSCIOUS PERSON WATER OR MILK TO DILUTE. INDUCE VOMITING.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

LARGE SPILLS: PICK UP AS MUCH AS POSSIBLE AND PLACE IN CONTAINERS FOR DISPOSAL. RESIDUAL LIQUID CAN BE ABSORBED ON INERT MATERIAL.

SMALL SPILLS: SAME AS FOR LARGE SPILLS.

WASTE DISPOSAL METHOD: CONSULT LOCAL, STATE & FEDERAL REGULATIONS.

SECTION VIII-CONTROL MEASURES

RESPIRATION PROTECTION (SPECIFY TYPE): USE NIOSH/MSHA APPROVED COMBINATION ORGANIC VAPOR AND HIGH EFFICIENCY FILTER CARTRIDGE IN HIGH CONCENTRATION AREAS.

VENTILATION: GOOD AIR CIRCULATION, EXHAUST VENTILATION FOR MISTS OR VAPORS.

PROTECTIVE GLOVES: NON-PERMEABLE BUTYL.

EYE PROTECTION: GOGGLES, OR FULL FACE SHIELD IS RECOMMENDED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: SUFFICIENT TO PROTECT AGAINST PROLONGED SKIN CONTACT.

WORK/HYGIENIC PRACTICES: ALWAYS WASH HANDS & FACE BEFORE CONSUMING FOOD OR BEVERAGES OR WHENEVER CONTACT ON THE SKIN.

SECTION IX-NOTES: NOTE TO PHYSICIAN:

NONE.

HAZARD RATING

HEALTH 1

FLAMMABILITY 3

REACTIVITY 0

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSON PROXIMATELY CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS STIPULATED IN THE DATA SHEET. ADDITIONALLY, VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY ABNORMAL USE OF THE MATERIAL EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED. FURTHERMORE, VENDEE ASSUMES THE RISK IN HIS USE OF THE MATERIAL.