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DATE OF ISSUE
7/05/2000

SUPERSEDES
21/01/2000

SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms

Trade Name & Synonyms

Chemical Family:
SOLVENT MIXTURE

Formula Mixture --> X

Manufacturer's Name:
HARTER, DIVISION OF MCH CORP.

Address:
BOX 152170
IRVING, TEXAS 75015

Prepared By:
R. STOLLERY/CHEMIST

Product Code Number
5625

Emergency Phone Number
800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)	Hazard	TLV	PEL	STEL	CAS #
HEAVY HYDROTREATED NAPHTHA	**	5MG/M3 1.	5MG/M3 2.	10MG/M3	64742-48-9
HYDROTREATED HEAVY NAPHTHERIC DISTILLATE	OIL MIST	5MG/M3 1.	5MG/M3 2.	10MG/M3	64742-52-5
HARSH SULFONATE	IRRITANT	5MG/M3 1.	5MG/M3 2.	N/E	61799-43-5
ISOBUTANE	ACRID/COMB	N/E	N/E	N/E	75-28-5
PROPANE	ACRID/COMB	N/E	N/E	N/E	74-98-6
SOLVENT REFINED LIGHT PARAFFINIC DISTILLATE	OIL MIST	5MG/M3 1.	5MG/M3 2.	10MG/M3	64741-39-5
SOLVENT REFINED LIGHT NAPHTHERIC DISTILLATE	OIL MIST	5MG/M3 1.	5MG/M3 2.	10MG/M3	64741-37-5
HYDROTREATED LIGHT PARAFFINIC DISTILLATE	OIL MIST	5MG/M3 1.	5MG/M3 2.	10MG/M3	64742-55-0
HYDROTREATED LIGHT NAPHTHERIC DISTILLATE	OIL MIST	5MG/M3 1.	5MG/M3 2.	10MG/M3	64742-53-0
*OIL MIST/COMBUSTIBLE					

SECTION III - PHYSICAL DATA

Boiling Point (F):	300	Specific Gravity (H2O=1):	0.770
Vapor Pressure (MM HG):	4.1	Color:	AMBER
Density (Air=1):	4.7	Odor:	NAPHTHA
Pr. @ 1000 :	N/A	Clarity:	CLEAR
% Volatile by Volume:	90	Evaporation Rate (BU A/C=1):	1
H2O Solubility:	INSOLUBLE	Viscosity:	NON VISCIOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point	109°F / 264°F (C)	Flammable Limits	1.6-6.6% (ISOBUTANE)	LEL	1.6	UEL	6.6
Extinguishing Media	X ← Foam ← Alkaloid Foam X ← CO2 X ← Dry Chemical ← Water Spray ← Other						
Special Fire Fighting Procedures:	USE WATER FOG TO COOL OVERHEATED CONTAINERS TO PREVENT BURSTING. WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.						
Unusual Fire and Explosion Hazards:	EXTREMELY FLAMMABLE DUE TO A FLAME EXTENSION OF 5.2 FEET AND A BURST OF 4 FEET.						
Aerosol Level (NFPA 30B):	1						
NFPA 704 Hazard Rating	(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)						
	1 ← Health 2 ← Flammability 0 ← Instability < ← Special						

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:	NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.		
Effects of Overexposure:	-Acute (Short Term Exposure) EYE CONTACT MAY CAUSE IRRITATION AND REDNESS. SKIN CONTACT MAY CAUSE IRRITATION. INHALATION MAY CAUSE IRRITATION OF THE NOSE AND THROAT, CENTRAL NERVOUS SYSTEM DEPRESSION, NAUSEA, DIZZINESS, WATERY EYES, DISORIENTATION, HEADACHE, EXCITATION, ANESTHESIA. INGESTION OF LARGE AMOUNTS MAY CAUSE IRRITATION OF THE GASTROINTESTINAL TRACT AND CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF THE SOLVENT INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS AND SHOULD BE FATAL. COMPRESSED LIQUID MAY CAUSE FROST BURNS.		
	-Chronic (Long Term Exposure) FROST BURN OR REPEATED CONTACT MAY CAUSE REDNESS AND BURNING OF THE EYES AND SKIN. CONTACT MAY CAUSE DEFATTENING, OIL WORK OR ALLERGIC REACTIONS. TARGET ORGAN: SKIN BROWN. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, AND DERMATITIS.		
Primary Routes of Entry:	X ← Inhalation ← Ingestion ← Absorption		
Emergency and First Aid Procedures:			

SECTION V - HEALTH HAZARD DATA (Continued)

Inhalation:
 REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

-Eye Contact:
 RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-Skin Contact:
 WASH AFFECTED AREA WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-Ingestion:
 GIVE 1 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET MEDICAL ATTENTION.

-Notes to Physician:
 ASPIRATION DUE TO INGESTION AND SUBSEQUENT VOMITING OF THIS PRODUCT CAN CAUSE DAMAGE AND COULD BE FATAL.

SECTION VI - TOXICITY INFORMATION

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:
 IARC -> No ITP -> No OCHA -> No ACGIH -> No OTHER -> No

HEAVY HYDROTREATED NAFTHA, HYDROTREATED HEAVY NAFTHERIC DISTILLATE, SOLVENT REFINED LIGHT PARAFFINIC DISTILLATE, SOLVENT REFINED LIGHT NAFTHERIC DISTILLATE, HYDROTREATED LIGHT PARAFFINIC DISTILLATE AND HYDROTREATED LIGHT NAFTHERIC DISTILLATE (DATA BASED ON STODARD SOLVENT, A SIMILAR MATERIAL)

ORL RAT LD50: 2.6 G/EG	4.
HL RAT LD50: 5500 MG/M3/4H	4.
EYE RBT 500 MG/24H RBT	4.
HL CAT LD50: 106/82/2500	3.
EYE RBT 470 PPM/15M	3.

BARIUM SULFATE

ORL RAT LD50: 2000 MG/EG	4.
EYE RBT 250 MG/24 HOURS	4.

ISOBUTANE

HL RAT LD50: 57 PPM/15M	4.
HL RAT LD50: 1041 G/M3/3H	4.

REMARK: NO TOXICITY DATA IS AVAILABLE.

SECTION VII - REACTIVITY DATA

Stability: X - Stable - Possible
 Conditions to Avoid:
 AVOID HEAT, HOT SURFACES, SPARKS AND OPEN FLAMES.

Incompatibility (Materials to Avoid):
 STRONG OXIDIZERS, STRONG REDUCING AGENTS, ACIDS, BASES, AND SELECTED AMINES.

Hazardous Decomposition Products:
 OXIDES OF CARBON, OXIDES OF SULFUR, OXIDES OF PHOSPHORUS, NITROGEN, BARIUM, SMOKE AND FUMES.

Hazardous Polymerization: - May Occur X - Will Not Occur
 Conditions to Avoid:
 NONE.

SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled:
 REMOVE ALL SOURCES OF IGNITION. VENTILATE ENCLOSED AREAS. DUE TO PACKAGING LARGE SPILLS ARE UNLIKELY. FOR SMALL SPILLS, ABSORB SPILLED LIQUID WITH AN INERT MATERIAL AND TRANSFER TO A LABELED CONTAINER FOR PROPER DISPOSAL. ANY ELECTRIC CLEANING EQUIPMENT SHOULD BE EXPLOSION PROOF.

Waste Disposal Method(s):
 IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS. TYPICAL DISPOSAL IS TO WRAP THE EMPTY AEROSOL CONTAINER IN SEVERAL LAYERS OF NEWSPAPER AND DISPOSE OF IN THE TRASH. AEROSOL RECYCLING PROGRAMS ARE AVAILABLE IN MANY AREAS. DO NOT PURCHASE OR REGENERATE THIS CONTAINER.

Neutralizing Agent:
 N/A

SECTION IX - SPECIAL PROTECTION INFORMATION

Required Ventilation:
 LOCAL EXHAUST VENTILATION SUFFICIENT TO MAINTAIN SOLVENT CONCENTRATION BELOW PERMISSIBLE EXPOSURE LIMITS.

Respiratory Protection:
 TYPICAL USE OF THE PRODUCT DOES NOT REQUIRE THE USE OF A RESPIRATOR. IF HIGH CONCENTRATIONS OF MIST OR VAPOR ARE LIKELY, WEAR A NIOSH APPROVED RESPIRATOR.

Glove Protection:
 NITRILE OR BUTYLENE RUBBER GLOVES IF REPEATED OR PROLONGED SKIN CONTACT IS LIKELY.

Eye Protection:
 SAFETY GLASSES IF THE METHOD OF APPLICATION PRESENTS THE LIKELIHOOD OF EYE CONTACT.

Other Protection:
 N/A

SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature: Indoor -> X Out-door -> Heated -> Refrigerated ->

SECTION X - STORAGE AND HANDLING INFORMATION (Continued)

Minimum Temperature: 50°F. Maximum Temperature: 120°F.

Precautions to be Taken in Handling and Storing:

USE WITH CAUTION AROUND HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY AND OPEN FLAME.

Precautions:

OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

SECTION XI - REGULATORY INFORMATION**Chemical Name**
BARBER COMPOUND**CAS Number**
N/A**Upper & Limit**
N/A

These ingredients listed above are subject to the reporting requirements of 311 of Title III of the Superfund Amendments and Re-authorization Act of 1986 and 40 CFR part 302.

Please call 1-800-521-9919 for additional information if you are a California customer.
This MSDS is not intended for users in the state of California.**SECTION XII - REFERENCES**

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1999, OSHA PEL.
 2. OSHA'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, EIGHTH EDITION.
 3. OSHA'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, EIGHTH EDITION.
 4. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CINCINNATI, 2000.
- ALL COMPONENTS IN THIS PRODUCT CAN BE FOUND IN THE CURRENT TOCA INVENTORY.

IRR: IRRITANT, FLAM/FLAMM: FLAMMABLE, COMB/COMBUSTIBLE, COR: CORROSIVE
 CARC: CARCINOGENIC, TOX: TOXIC, HAZ: HAZARDOUS, N/E: NOT ESTABLISHED,
 CAC: CLEVELAND OPEN CUP, PRC: PENNEY MARTIN CLOSED CUP, TO: TESTABLE
 CLOSED CUP, LEL: LOWER EXPLOSION LIMIT, UEL: UPPER EXPLOSION LIMIT,
 NFPA: NATIONAL FIRE PROTECTION ASSOCIATION, IARC: INTERNATIONAL AGENCY FOR
 THE RESEARCH ON CANCER, NTP: NATIONAL TOXICOLOGY PROGRAM, OSHA: OCCUPATIONAL
 SAFETY & HEALTH ADMINISTRATION, ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL
 INDUSTRIAL HYGIENISTS, TLV: THRESHOLD LIMIT VALUE, PEL: PERMISSIBLE EXPOSURE
 LIMIT, STEL: SHORT TERM EXPOSURE LIMIT, HD: HED, MOD: MODERATE, SEV: SEVERE,
 MET: METABOLIC, ASPH: ASPHYXIANT, FRO: FROSTICATED NOT OTHERWISE CLASSI
 FIED, ST: STANDARD BRAZE TEST, ORL: ORAL, HR: HUMAN, ILL: IRRADIATION

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

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