

MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT IDENTIFICATION AND USE

NFPA HAZARD SHEET
HEALTH 1
FIRE 0
REACTIVITY 0
0=NONE 1=MINIMAL 2=MODERATE 3=HIGH 4=EXTREME WHERE X = PACKING SIZE

PRODUCT IDENTITY: SPECTRUM
PRODUCT USE: HARD WATER REMOVER
REFERENCE CODES: 331
DATE OF ISSUE: 5/9/95
SUPERSEDES: 11/1/93

SUPPLIERS NAME & ADDRESS:

ECONOCRAFT CAR WASH MFG., INC.
BRONX, NY 10454

SECTION II PREPARATION INFORMATION

PREPARED BY: RESEARCH AND DEVELOPMENT DEPT.

SECTION III HAZARDOUS INGREDIENTS / IDENTITY INFO.

INGREDIENTS	CAS NO.	IDLH LEVEL	OSHA PEL	ACGIH TLV	SARA %OPT.	313*
PHOSPHORIC ACID	7664-38-2	N/A	1 MG/M ³	1 MG/M ³	1-5	YES

SECTION IV PHYSICAL / CHEMICAL CHARACTERISTICS

VAPOR PRESSURE:	NOT APPLICABLE	BOILING POINT:	>212 DEG. F.
VAPOR DENSITY:	UNKNOWN	FREEZING POINT:	
SOLUBILITY IN WATER:	COMPLETE	SPECIFIC GRAVITY:	1.04-1.1
PHYSICAL STATE:	LIQUID	EVAPORATION RATE:	<1
ODOR THRESHOLD:	UNKNOWN	PH @ 1%:	2.8-3.2
APPEARANCE AND ODOR:	CLEAR GREEN	PH @ 100%:	2.0-2.2
	LIQUID, ALMOND ODOR		

SECTION V FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT (METHOD): NONE (T.C.C.)
CONDITIONS OF FLAMMABILITY: NOT APPLICABLE
AUTO LOGNITION TEMPERATURE: NOT APPLICABLE
HAZARDOUS COMBUSTION PRODUCT: OXIDES OF CARBON AND NITROGEN
EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: NO DATA AVAILABLE
EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: NO DATA AVAILABLE
EXTINGUISHING MEDIA: USE DRY CHEMICAL, CARBON DIOXIDE, OR ALCOHOL FOAM.

FLAMMABLE LIMITS:
UL N/A LL N/A

SECTION VI REACTIVITY DATA

STABILITY: STABLE: X UNSTABLE:
INCOMPATIBILITY: N/A
HAZARDOUS DECOMPOSITION PRODUCTS: N/A
HAZARDOUS POLYMERIZATION: WILL OCCUR: MAY NOT OCCUR: X

*SUBJECT TO SARA 313 REPORTING **NO DATA AVAILABLE

SECTION VII HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NOT APPLICABLE
 ROUTES OF ENTRY: INHALATION? YES SKIN? YES INGESTED? YES
 HEALTH HAZARD (ACUTE & CHRONIC): CHRONIC: ACUTE:
 CARCINOGENICITY: NTP? NO IARC MONOGRAPHS: NO OSHA REGULATED? NO
 MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: UNKNOWN
 SIGNS AND SYMPTOMS OF OVEREXPOSURE:
 EYES: CAUSES IRRITATION.
 SKIN: MAY CAUSE IRRITATION.
 INTERNAL: IRRITATION OF STOMACH, NAUSEA, DIARRHEA.
 INHALATION: NAUSEA, DIZZINESS, AND HEADACHE. MAY CAUSE IRRITATION TO THE RESPIRATORY TRACT.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: IMMEDIATELY FLUSH WITH PLENTY OF COOL RUNNING WATER AT LEAST 15 MINUTES WHILE HOLDING EYELIDS APART. REMOVE CONTACT LENSES IF APPLICABLE. IF IRRITATION PERSISTS, SEE A PHYSICIAN.
 SKIN: FLUSH WITH PLENTY OF COOL RUNNING WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. WASH AFFECTED SKIN WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEE A PHYSICIAN.
 INTERNAL: IF SWALLOWED, DO NOT INDUCE VOMITING UNLESS DIRECTED BY MEDICAL PERSONNEL. RINSE MOUTH, THEN DRINK 1 OR 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
 INHALATION: GET MEDICAL ATTENTION IMMEDIATELY. MOVE IMMEDIATELY TO FRESH AIR.

SECTION VIII PRECAUTION FOR SAFE HANDLING & USE

IN CASE MATERIAL IS RELEASED OR SPILLED: CONTAIN SPILL; ABSORB ON COMMERCIALY AVAILABLE ABSORBENT.
 WASTE DISPOSAL METHOD: FLUSH EMPTY CONTAINERS WITH WATER BEFORE DISPOSAL.
 PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: STORE IN COOL DRY AREA IN CLOSED CONTAINER. AVOID FREEZING. DO NOT TAKE INTERNALLY. AVOID REPEATED CONTACT WITH SKIN AND EYES.
 OTHER PRECAUTIONS:

SECTION IX CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE):
 VENTILATION: ADEQUATE TO MAINTAIN TLV BELOW LOCAL EXHAUST: N/A
 RECOMMENDED LEVEL.
 MECHANICAL (GENERAL): N/A SPACIAL: N/A
 EYE PROTECTION: EYE PROTECTION REQUIRED.
 PROTECTIVE GLOVES: PROTECTIVE GLOVES REQUIRED.
 OTHER PROTECTIVE CLOTHING OR EQUIPMENT: PROTECTIVE CLOTHING REQUIRED.

SECTION X ADDITIONAL INFORMATION

DOT CLASSIFICATION: NONE

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