



MATERIAL SAFETY DATA SHEET

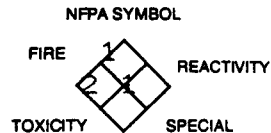
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MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD (HSC) 29 CFR 1910, 1200, STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

HMIS SYMBOL	
HEALTH	2
FLAMMABILITY	1
REACTIVITY	1

HMIS	NFPA
SEVERE 4	EXTREME
SERIOUS 3	HIGH
MODERATE 2	MODERATE
SLIGHT 1	SLIGHT
MINIMAL 0	INSIGNIFICANT



PRODUCT IDENTIFICATION: A159 OVEN CLEANER AR
DATE: 01/02/03

SECTION I: HAZARDOUS INGREDIENTS

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
1310-73-2	SODIUM HYDROXIDE	5	2 mg/M3
75-28-5	ISOBUTANE	0.5	800
74-98-6	PROPANE	0.5	1000
1310-58-3	POTASSIUM HYDROXIDE	2	2 mg/M3
107-41-5	HEXYLENE GLYCOL	1	25
7732-18-5	WATER	91	N/A

SECTION II: PHYSICAL DATA

BOILING POINT: N/A
VAPOR PRESSURE: PSIG @ 70 F (aerosols): MAX = 60
VAPOR DENSITY: (AIR=1): N/E
SOLUBILITY IN WATER: SOLUBLE
SPECIFIC GRAVITY: (H2O=1): CONCENTRATE ONLY = 1.060
PERCENT VOLATILE BY VOLUME: N/A
EVAPORATION RATE: N/E
P H: N/A
APPEARANCE AND ODOR: TAN, FOAMY GEL & LEMON FRAGRANCE

SECTION III: FIRE AND EXPLOSION DATA

FLASH POINT: N/A
FLAMMABLE LIMITS: N/E
EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER
SPECIAL FIREFIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARDS:

DO NOT EXPOSE TO TEMPERATURES ABOVE 130 F OR CONTAINER MAY RUPTURE

SECTION IV: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE: EXCESSIVE INHALATION MAY CAUSE HEADACHE, DIZZINESS, ASPHYXIA, ANESTHETIC EFFECTS, POSSIBLE UNCONSCIOUSNESS; INGESTION CAUSES CHEMICAL PNEUMONITIS IF ASPIRATED INTO LUNGS; CAUSTIC TO EYES/SKIN - MAY CAUSE BURNS

EMERGENCY FIRST AID PROCEDURES:

- SKIN: WASH WITH SOAP AND WATER. IF IRRITATED, SEEK MEDICAL AID.
- EYES: FLUSH WITH WATER 15 MINUTES. IF IRRITATED, SEEK MEDICAL AID.
- INGESTION: DO NOT INDUCE VOMITING. DRINK 2 LRG GLASSES OF WATER OR MILK. GET IMMEDIATE MEDICAL ATTENTION.
- INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NECESSARY. GET IMMEDIATE MEDICAL ATTENTION.

SECTION V: REACTIVITY DATA

- STABILITY DATA: STABLE
- INCOMPATIBILITY: STRONG ACIDS AND OXIDIZERS
- HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE
- HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI: SPILL OR LEAK PROCEDURES

- SMALL SPILLS: ABSORB WITH SUITABLE MEDIUM. DILUTE WITH WATER AND ABSORB WITH CLOTH OR NEUTRALIZE WITH ACID.
- LARGE SPILLS: AEROSOL CANS, WHEN EMPTIED AND DEPRESSURIZED THROUGH NORMAL USE, POSE NO DISPOSAL HAZARD AND SHOULD BE RECYCLED.
- AVOID BREATHING OF VAPORS AND ABSORPTION THROUGH SKIN.

FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON-RECLAIMABLE SPILLS.

SECTION VII: SPECIAL PROTECTION INFORMATION

- RESPIRATORY PROTECTION: IF VAPOR CONCENTRATION EXCEEDS TLV, USE RESPIRATOR APPROVED BY NIOSH IN THE POSITIVE PRESSURE MODE.
- VENTILATION: ADEQUATE VENTILATION TO KEEP VAPOR CONCENTRATION BELOW TLV(s)
- PROTECTIVE GLOVES: RUBBER GLOVES
- EYE PROTECTION: SAFETY GLASSES RECOMMENDED
- OTHER PROTECTIVE EQUIPMENT: NONE

SECTION VIII: SPECIAL PRECAUTIONS

- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT PUNCTURE OR INCINERATE CONTAINER. DO NOT STORE AT TEMPERATURES ABOVE 130 F. AVOID BREATHING OF VAPOR AND FOOD CONTAMINATION. DO NOT USE ON ALUMINUM. KEEP CHILDREN OUT.
- OTHER PRECAUTIONS: READ & FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST EFFECTIVE MANNER, AND THEY ALSO GIVE YOU THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.