

CARDINAL INDUSTRIAL FINISHES -- A-4308-12197 AEROSOL GLOSS ORANGE -- 8010-01-336-3981

=====
Product Identification
=====

Product ID:A-4308-12197 AEROSOL GLOSS ORANGE

MSDS Date:01/01/1991

FSC:8010

NIIN:01-336-3981

MSDS Number: BPPJB

=== Responsible Party ===

Company Name:CARDINAL INDUSTRIAL FINISHES

Address:1329 POTRERO AVE. SO.

City:EL MONTE

State:CA

ZIP:91733

Country:US

Info Phone Num:818-444-92

74

Emergency Phone Num:818-444-9274

Preparer's Name:RICHARD STEWART

CAGE:65860

=== Contractor Identification ===

Company Name:CARDINAL INDUSTRIAL FINISHES

Address:1329 POTERO AVE

Box:City:SOUTH EL MONTE

State:CA

ZIP:91733

Country:US

Phone:818-444-9274 OR 213-283-9335

CAGE:65860

=====
Composition/Information on Ingredients
=====

Ingred Name:XYLENE; DIMETHYL BENZENE; METHYL TOLUENE (SARA 313)(VAPOR
PRESSURE 9.0 MM HG @ 68F)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 10

%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM

ACGIH TLV:150 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (SARA 313)(VAPOR PRESSURE
70.0 MM HG @ 68F)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 27%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM

ACGIH TLV:300 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:DIPROPYLENE GLYCOL MONOMETHYLETHER ACETATE (SARA 313)
(VAPOR PRESSURE 1.0 MM HG @ 68F)

its:100 PPM

Ingred Name:PROPANE BLEND (VAPOR PRESSURE 8.6 MM HG @ 68F)

CAS:74-98-6

RTECS #:TX2275000

Fraction by Wt: 25%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM

Ingred Name:VOC: COATING: 4.64 LB/GL (556 G/L)

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: MATERIAL: 4.64 LB/GL (556 G/L)

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES

Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: SEVERE EYE IRRITATION/BLURRED VISION. CAN CAUSE MODERATE SKIN IRRITATION/DEFATTING OF TISSUES/DERMATITIS. CHRONIC: MAY PRODUCE LIVER/KIDNEY DAMAGE/PERSISTANT COUGHING/BRAIN DAMAGE/DEATH.

Effects of Overexposure:INHALE:

HEADACHE/FATIGUE/WEARY/NAUSEA/VOMIT/DIZZY/STUPER/DROWSY/DISTURBED VISION/COUGH/UNCONSCIOUS. SKIN: IRRITATE/DEFAT/DERMATITIS. EYE: RED/TEARING/BLURRE

D VISION. INGEST: BREATH SMELLS-SOLVENT/IRRI TATE

LIPS/MOUTH/GASTROINTESTINAL

IRRITATE/NAUSEA/DIARRHEA/DROWSY/UNCONSCIOUS/SHOCK/WEAK/RAPID PULSE/COLD-PALE COMPLEXION

Medical Cond Aggravated by Exposure:PRE-EXISTING RESPIRATORY CONDITIONS, PRE-EXISTING SKIN DISORDERS, LIVER AND KIDNEY DISORDERS.

===== First Aid Measures =====

First Aid:EYE: FLUSH W/WATER 15-30 MIN. GET MED AID. SKIN: WASH AREA W/MILD SOAP/WATER 15 MIN. REMOVE CONTAMI

CONTAMINATED CLOTHES. INHALE:

MOVE TO FRESH AIR. IF BREATHING IS DIFFICULT; GIVE OXYGEN. IF BREATHING STOPPED; GIVE ARTIFICIAL RESPIRATION. GET MED AID.

INGEST: DO NOT INDUCE VOMITING. KEEP VICTIM WARM AND SEEK MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:-154F,-103C

Lower Limits:1.0

Upper Limits:11.0

Extinguishing Media:FOAM, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:

BEWARE OF EXPLOSIONS. SELF-CONTAINED BREATHING APPARATUS W/FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODES.

Unusual Fire/Explosion Hazard:HEAT CAUSES EXPLOSION OF CONTAINER DUE TO INCREASED PRESSURE. PROPANE IS EXPLOSIVE WHEN EXPOSED TO FLAME. ISOLATE FROM HEAT/SPARKS/ELECTRICAL EQUIP/OPEN FLAME.

===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION, ABSORB LIQUIDS IN AB

SORBANT MATERIAL AND PREVENT SPREADING TO GROUND WATER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE AT ROOM TEMPERATURE AWAY FROM HEAT SOURCES AND HAVE LIDS TIGHTLY CLOSED.

Other Precautions:PROPANE-(MAY BE NARCOTIC IN VERY HIGH CONCENTRATIONS)

OSHA TWA: 1000 PPM, IDHL: 20,000 PPM, Z-A TABLE. XYLENE-OSHA TWA: 100 PPM, ACGIH: 150 PPM. AEROSOL CONTAINER PRESSURE: 45 PSI @ 68 F; 100 PSI @ 130 F.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF ENVIRONMENTAL CONTROLS. OSHA REGS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS. ENGINEERING/ADMINISTRATIVE CONTROLS IMPLEMENTED TO REDUCE EXPOSURE.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL/LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV'S.

Protective Gloves:POLYVINYL/ALCOHOL COATED/POLYETHYLENE

NE

Eye Protection:OSHA APPROVED SPLASH GOGGLES

Other Protective Equipment:PREVENT REPEATED/PROLONGED SKIN CONTACT W/GB
PROTECTIVE HANDCREAM, WEAR IMPERVIOUS CLOTHING/CHEMICAL RESISTANT
BOOTS.

Work Hygienic Practices:WASH HANDS BEFORE EATING OR USING RESTROOM,
SMOKE IN SMOKING AREAS ONLY.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:-44 TO 408F

Vapor Density: