

Safety Data Sheet

Product: CARRIER LO 4

SDS No: 85-029A

SECTION 1 : GENERAL INFORMATION



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Outside of U.S.A.: 001-703-527-3887
Date: 4/26/2015

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the substance or mixture in accordance with 29 CFR 1910.1200 (OSHA HCS/GHS).

Signal Word: Warning



GHS - Classification

Flammable Liquid (Category 3)
Eye Damage/Irritation (Category 2B)
Skin Corrosion/Irritation (Category 2)

Hazard Statement(s)

H226 Flammable liquid and vapour
H303 May be harmful if swallowed
H315 Causes skin irritation
H320 Causes eye irritation

Precautionary Statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P240 Ground/Bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P280 Wear protective gloves/eye protection/protective clothing.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 + P352 IF ON SKIN: Wash with plenty of water for at least 15 minutes or more while removing clothing.
P333 + P313 If skin irritation or rash occurs: Get medical attention.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 15 minutes or more. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical attention
P403 + P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents in container in accordance with local/state/federal/international regulations.

SECTION 3 : COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS#	PERCENTAGE
BIPHENYL	92-52-4	<25
MONOCHLOROTOLUENE	25168-05-2	<75

SPECIFIC CHEMICAL NAME(S) AND CAS NUMBER(S) MAY BE A TRADE SECRET AS ALLOWED BY 29 CFR 1910.1200

SECTION 4 : FIRST AID MEASURES

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

SKIN: FLUSH EXPOSED AREAS WITH WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRER CLOTHES BEFORE REUSE.

INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER TO DILUTE. KEEP PATIENT WARM AND QUIET AND GET IMMEDIATE MEDICAL ATTENTION.

INHALATION: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR.

SECTION 5 : FIRE FIGHTING MEASURES

FLASH POINT: 115F- 117F

EXTINGUISHING METHOD: USE WATER, CARBON DIOXIDE, DRY CHEMICAL OR FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

UNUSUAL FIRE FIGHTING PROCEDURES: NONE KNOWN.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Ensure adequate ventilation. Keep people away from and upwind of spill/leak.

ENVIRONMENTAL PRECAUTIONS: Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system. Advise water authority if spillage has entered water course or drainage system.

METHODS FOR CLEAN UP: Use mechanical handling equipment. Soak up with inert absorbent material(e.g. sand, silica gel, acid binder, universal binder, sawdust)

SPILL: VENTILATE AREA, PERSONS PERFORMING CLEAN-UP SHOULD WEAR ADEQUATE PROTECTION EQUIPMENT. CONTAIN MATERIAL BY DIKING THE AREA AROUND THE SPILL. IF THE PRODUCT IS IN A SOLID FORM, SHOVEL DIRECTLY INTO RECOVERY DRUMS. IF THE

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PRODUCT IS A LIQUID, IT SHOULD BE PICKED UP USING A SUITABLE ABSORBANT MATERIAL, THEN SHOVELED TO RECOVERY DRUMS. IF THE MATERIAL IS RELEASED INTO THE ENVIRONMENT, THE USER SHOULD DETERMINE WHETHER THE SPILL SHOULD BE REPORTED TO THE APPROPRIATE LOCAL, STATE AND FEDERAL AUTHORITIES.

SECTION 7 : HANDLING AND STORAGE

HANDLING AND STORAGE: MATERIAL SHOULD BE STORED IN ITS OWN CONTAINER AND SHOULD ALWAYS BE KEPT COVERED WHEN NOT IN USE.

SECTION 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION

ROUTES OF EXPOSURE: EYES, SKIN, INGESTION, INHALATION

SYMPTOMS OR ACUTE HEALTH HAZARDS

EYES: CAUSES EYE IRRITATION.

SKIN: CAUSES SKIN IRRITATION.

INGESTION: MAY BE HARMFUL IF SWALLOWED.

INHALATION: MAY CAUSE IRRITATION OF NOSE, THROAT AND UPPER RESPIRATORY TRACT.

RESPIRATORY PROTECTION: IF NEEDED, USE A NIOSH APPROVED RESPIRATOR.

VENTILATION: USE SUFFICIENT MECHANICAL(GENERAL)OR LOCAL EXHAUST.

PROTECTIVE EQUIPMENT: GLOVES, APRON, GOGGLES

WORK/ HYGIENIC PRACTICES: AS WITH ALL INDUSTRIAL CHEMICALS, CARE SHOULD BE TAKEN TO AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. HANDS AND UNPROTECTED SKIN SHOULD BE THOROUGHLY WASHED AND CONTAMINATED CLOTHING SHOULD BE CHANGED PRIOR TO ANY DIRECT PERSONAL CONTACT. ALL EXPOSED CLOTHING SHOULD BE LAUNDERED PER NORMAL CARE INSTRUCTIONS BEFORE REUSE

EXPOSURE LIMITS

LIMITS

BIPHENYL

TLV\PEL=0.2ppm

MONOCHLOROTOLUENE

TLV\PEL=50ppm

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

PH: 7.0-8.0 5%

Evaporation Rate: 100

SOLUBILITY: EMULSIFIES

Vapor Pressure: <10

SPECIFIC GRAVITY: 0.985-1.035

Vapor Density: NO DATA

APPEARANCE: CLEAR STRAW COLORED LIQUID

Auto Ignition Temperature: N.D.

Bod: NO DATA

LEL: N.D.

Cod: NO DATA

UEL: N.D.

Odor: SOLVENT

VOC: NO DATA

OdorThreshold: NO DATA

FlashPoint: 115F- 117F

MeltingPoint: NO DATA

BoilingPoint: >318

SECTION 10 : STABILITY AND REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

DECOMPOSITION PRODUCTS: EMITS ACRID SMOKE AND IRRITATING FUMES.

CONDITIONS AND MATERIALS TO AVOID: HEAT, SPARKS, FLAME, IGNITION SOURCES

SECTION 11 : TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NO DATA

Chronic Toxicity: NO DATA

Carcinogenicity: NO DATA

Target Organ Effects: NO DATA

This product has not yet been tested. The information is derived from the properties of the individual components.

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity: NO DATA

Persistence Degradability: NO DATA

Bioaccumulation: NO DATA

Mobility: NO DATA

This product has not yet been tested. The information is derived from the properties of the individual components.

SECTION 13 : DISPOSAL CONSIDERATIONS

Disposal of this product should be made in accordance with federal state and local regulations.

SECTION 14 : TRANSPORT INFORMATION

TRANSPORTATION: CONTAINERS <119 GALLONS (DRUM) NOT REGULATED BY DOT

CONTAINERS >119 GALLONS (BULK)

NA1993 COMBUSTIBLE LIQUID, N.O.S

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(MONOCHLOROTOLUENE)
PG III

SECTION 15 : REGULATORY DATA

TITLE III-SARA: THE FOLLOWING DATA IS BEING SUPPLIED IN COMPLIANCE WITH TITLE III SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) PART 313 AND 40 CFR 372

BIPHENYL 92-52-4 <25%

CALIFORNIA PROPOSITION 65: CONTAINS NO MATERIALS KNOWN TO BE ON THE CALIFORNIA PROPOSITION 65 LIST.

Listed on the following inventories:

SECTION 16 : OTHER INFORMATION

Large Spill: Isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids.

Fire: If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

Other Info:

DISCLAIMER

THE INFORMATION GIVEN HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH THIS COMPANY OR NOT. THE INFORMATION IS OFFERED SOLELY FOR YOUR CONSIDERATION. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT AND SUITABLE FOR THEIR NEEDS.

End of SDS