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BFGOODRICH KALAMA EMERGENCY PHONE 1-360-673-2550 CHEMTREC 1-800-424-9300I PRODUCT INFORMATION

CHEMICAL NAME: n - HEXYL SALICYLATE
SYNONYMS: 2-hydroxybenzoic acid, normal hexyl ester
n-hexyl ortho hydroxy benzoate
CHEMICAL FAMILY: Hydroxybenzoic Acid Ester
MOLECULAR FORMULA: HO-C₆H₄-COO(CH₂)₅ CH₃ (C₁₃H₁₈O₃)
MOLECULAR WEIGHT: 222.3
CAS REG #: 6259-76-3

II SUMMARY OF HAZARDS

CAUTION! MAY IRRITATE EYES AND SKIN

III PHYSICAL PROPERTIES

APPEARANCE/ODOR: Colorless liquid with a floral odor
BOILING POINT: ~290 °C (554°F) (@ 760 mm Hg)
MELTING POINT: Not Determined
VAPOR PRESSURE: ~ 0.02 mm Hg @ 68°F (20°C)
WEIGHT PER GALLON: 8.7 # @ 77°F
VAPOR DENSITY: 7.6 (Air = 1)
EVAPORATION RATE: <<1 (Butyl Acetate = 1)
SOLUBILITY IN WATER: Negligible

IV FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT (TCC): >200°F FLAMMABLE LIMITS: Not determined

AUTOIGNITION TEMP: Not determined DECOMPOSITION TEMP: Not determined

FIRE and EXPLOSION HAZARDS: Decomposition under fire conditions will generate carbon monoxide and phenol, and may generate other toxic vapors.

FIRE FIGHTING INFORMATION: Use CO₂, foam, or dry chemical to extinguish fire. Water can be used to cool a fire, but for extinguishment, foam or dry chemical are preferred. Avoid spreading liquid and fire by water flooding. Wear self-contained, positive pressure breathing apparatus and full firefighting protective clothing. Use water to keep containers cool.

V HAZARD RATINGS FOR HEXYL SALICYLATE

H.M.I.S.	HEALTH	1
RATINGS	FLAMMABILITY	1
(NPCA/NAPIM)	REACTIVITY	0

VI HEALTH HAZARD INFORMATION

LD₅₀ (ORAL RAT): > 5,000 mg / kg LD₅₀ (DERMAL RAT): > 5,000 mg / kg

THRESHOLD LIMIT VALUE (TLV): TLV has not been established by the ACGIH.

CARCINOGEN (IARC / NTP / 29CFR): No

NOTE: Health studies have shown that exposures to chemicals pose potential health risks which may vary from person to person. Therefore exposures to liquids, vapors, mists , or fumes should be minimized.

ACUTE HEALTH HAZARDS:

Eye Contact: May cause eye irritation.

Skin Contact: May cause skin irritation.

CHRONIC HEALTH HAZARDS: No chronic health hazard information is available.

EMERGENCY FIRST AID:

Inhalation: If overcome by exposure, remove to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention.

Eye Contact: In case of eye contact, immediately irrigate with plenty of water for at least 15 minutes. Obtain emergency medical attention.

Skin Contact: Remove contaminated clothing as needed. Wash skin thoroughly with mild soap and water. Obtain medical attention if irritation develops.

Ingestion: If swallowed, call a physician immediately. Induce vomiting only on advice of medical personnel. Never give anything by mouth to an unconscious person.

VII PROTECTIVE EQUIPMENT AND EXPOSURE CONTROL METHODS

Use with adequate local exhaust ventilation. In confined or enclosed spaces, use NIOSH approved respiratory protection. Use chemical resistant apron, gloves, and other impervious clothing to avoid skin contact. Use splash goggles and face shield when eye contact may occur. Provide safety shower, equipped with an eye wash fountain in the immediate vicinity of any potential exposure.

Use good personal hygiene practices. Wash hands before eating, drinking, or smoking, or using toilet facilities. Promptly remove contaminated clothing and wash thoroughly before reuse.

VIII WASTE DISPOSAL

Disposal must be made in accordance with applicable governmental regulations. Do not contaminate any streams, lakes, or ponds.

(please see page 3 for additional data)

IX

REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBLE MATERIALS: Strong oxidizing agents and strong alkali's.
Traces of iron may cause discoloration.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition under fire conditions will generate carbon monoxide and phenol and possibly other potentially toxic vapors.

X

SPILL OR LEAK PROCEDURES

Remove sources of ignition, stop release, and provide adequate ventilation. Prevent flow to sewer and public waters. Recover free product, if possible. Cover spill with inert, non-combustible absorbent material and remove to disposal container. Report spill as per regulatory requirements. Leaking drum should be emptied or placed into an oversized (recovery) drum.

XI

ADDITIONAL PRECAUTIONS

Store as a NFPA Class IIIB liquid. Keep fire and sparks away from drums. Since empty containers retain product residue, do not cut, drill, grind, or weld on or near the container until it is thoroughly cleaned.

Isolate, vent, drain, wash and purge systems or equipment before maintenance or repair. Remove all ignition sources. Check atmosphere for explosiveness and oxygen deficiencies. Use adequate personal protective equipment. Comply with regulations governing confined space entry.

XII

OSHA / SARA TITLE III / TSCA INFORMATION

We have evaluated hexyl salicylate using the criteria in OSHA's Hazard Communication Rule (29CFR 1910.1200). Hexyl salicylate is not considered hazardous under this OSHA standard.

Hexyl salicylate is not listed as an Extremely Hazardous Substance under Section 302 of SARA Title III.

Hexyl salicylate is not subject to the reporting requirements of Sections 311 or 312 of SARA Title III.

Hexyl salicylate does not contain ingredients (at a level of 1% or more) on the List of Toxic Chemicals of SARA Title III.

Hexyl salicylate is included in the current TSCA Inventory List.

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