

HAMPSHIRE CHEMICAL CORPORATION  
55 Hayden Avenue  
Lexington, MA, USA 02173

**PRODUCT DESCRIPTION**

**HAMPOSYL L-30** comprises:

Sodium lauroyl sarcosinate, water solution

SYNONYMS: Lauroyl sarcosine, sodium salt

PRODUCT CAS NUMBER: 137-16-6

GENERAL PRODUCT USE: Detergent in personal care products.

**COMPONENTS**

| Chemical Name              | CAS Number | Percent Present ( |
|----------------------------|------------|-------------------|
| Water                      |            | 67-70             |
| Sodium lauroyl sarcosinate | 137-16-6   | 29-31             |
| Sodium laurate             | 629-25-4   | 0.5-2             |

**PHYSICAL DATA**

APPEARANCE AND ODOR: Colorless liquid with no odor.

BOILING POINT, VAPOR PRESSURE, VAPOR DENSITY, EVAPORATION RATE – similar to water

WATER SOLUBILITY: Miscible.

SPECIFIC GRAVITY: 1.02-1.03

% VOLATILE BY WT.: About 70% as water.

pH of 10% solution: 7.5 - 8.5

**FIRE FIGHTING DATA**

FLASH POINT: Aqueous system.

EXTINGUISHING MEDIA: For fires involving this material, use water, carbon dioxide, dry chemicals or foam.

THERMAL DECOMPOSITION PRODUCTS: may release CO<sub>2</sub>, CO, and NO<sub>x</sub>.

SPECIAL FIRE FIGHTING PROCEDURES: If product is present in fire and threat of decomposition exists, wear contained breathing apparatus with full face piece.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

**HEALTH & FIRST AID DATA**

PRIMARY METHODS OF CONTACT: Skin contact. Eye contact. Inhalation of mist.

PRIMARY ROUTE OF ENTRY INTO THE BODY: Inhalation of mist.

HEALTH HAZARDS (ACUTE AND CHRONIC): Classified as an eye irritant based on animal studies. Not classified as a skin irritant based on animal studies but prolonged contact may cause irritation. Oral LD50 for mice is 2175 mg/kg.

Eye Contact: Immediately flush with large quantities of water for at least **15 minutes while holding the eyelids open**. Contact a physician immediately.

Skin Contact: Immediately remove contaminated clothing and flush area with large quantities of water for at least 15 minutes. Contact a physician if irritation develops.

Ingestion: If patient conscious, induce vomiting. Do not induce vomiting in an unconscious person. Contact a physician immediately.

Inhalation: Remove from contaminated atmosphere. If breathing has stopped, give artificial respiration then oxygen if needed. Contact a physician.

**REACTIVITY DATA**

STABILITY: Stable

REACTION DECOMPOSITION PRODUCTS: None.

HAZARDOUS POLYMERIZATION: Will not occur.

**SPILL & DISPOSAL PROCEDURES**

Evacuate area of nonessential personnel. Ventilate area. Use protective equipment and respiratory protection stated in Section Eight. Contain liquid spills using a barrier of inert material such as sand or by diking the area. Absorb spilled liquids using an inert material. Scoop or shovel absorbed material or spilled solids into containers. Avoid creating a dust during transfer of solids. Prevent spilled product or contaminated wash water from entering drinking water supplies or streams.

WASTE DISPOSAL PROCEDURES: This product is not a federal hazardous waste according to U.S. EPA regulation 40 CFR 261. Dispose of waste product in accordance with local and state regulations.

**SPECIAL PROTECTION INFORMATION**

VENTILATION: Typical mechanical or general industrial systems are sufficient for simple mixing. The need for hoods or local exhausts should be considered for other commercial operations.

PROTECTIVE EQUIPMENT: Goggles and impervious gloves.