**PRODUCT NAME:** DISODIUM LAURETH SULFOSUCCINATE

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**CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION**

**PRODUCT NAME:** Disodium Laureth Sulfosuccinate  
**CAS#:** 39354-45-5 / 40754-59-4  
**DATE:** July 19, 2013  
**DISTRIBUTOR:** ACME-HARDESTY COMPANY  
**ADDRESS:** 450 Sentry Parkway  
Blue Bell, PA 19422  
**TELEPHONE:** (866) 226 – 3834  
**FAX:** (215) 591 – 3620  
**EMERGENCY:** CHEMTREC (800) 424-9300

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**COMPOSITION / INFORMATION ON INGREDIENTS**

**INCI NAME:** Disodium Laureth Sulfosuccinate  
**% COMPOUND:** 31% Minimum  
**CAS NUMBER:** 39354-45-5 / 40754-59-4

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**HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

**ENVIRONMENTAL HAZARDS:** None  
**HUMAN HEALTH HAZARDS:** None

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**FIRE FIGHTING MEASURES**

**SUITABLE EXTINGUISHING MEDIA:** Dry chemical powder, water, carbon dioxide, foam  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear personal protective equipment and self-contained breathing apparatus  
**UNUSUAL FIRE / EXPLOSION HAZARDS:** Development of hazardous combustion products like oxides of carbon and sulfur possible in the event of fire  
**HAZARD THERMAL DECOMP. PRODUCTS:** Oxides of carbon and sulfur  
**PROTECTION OF FIRE FIGHTERS:** Wear personal protective equipment and self-contained breathing apparatus
FIRST AID MEASURES

INGESTION:  Immediately rinse mouth and then drink plenty of water
If feeling unwell after accidental swallowing, consult the doctor

INHALATION:  Remove to fresh air

SKIN CONTACT:  Flush with plenty of water for at least 15 minutes.
Seek medical advice if necessary

EYE CONTACT:  Flush with water for at least 15 minutes under running water with eyelids held open
Consult the doctor if necessary

ACCIDENTAL RELEASE MEASURE

PERSONAL PRECAUTIONS:  Use personal protective equipment
Wash hands after exposure with the substance
Avoid contact with eyes, skin and clothing

ENVIRONMENT PRECAUTIONS:  Take
Do not discharge into drains

CLEAN-UP METHODS:

SMALL SPILLS:  Absorb with suitable absorbent material
Collect in suitable and properly labeled container

LARGE SPILLS:  Contain spilled material if possible
Pump into suitable and properly labeled containers
Dispose of the absorbed/collected material in accordance with regulations

HANDLING AND STORAGE

HANDLING:  Follow general occupational hygiene such as wash hands before and after use
Do not eat, drink or smoke in work areas
Remove contaminated clothing
Avoid spills

STORAGE:  Store the material in a clean and dry place at 20 – 30°C away from direct heat and sunlight
Once the carboy is opened, ensure airtight closure after usage
In the original sealed condition, when stored as suggested, the shelf-life of the product is at least 1-year
On prolonged storage, product may undergo hydrolysis
The rate of hydrolysis depends on the temperature and pH
At temperatures above 30°C, hydrolysis may start
At temperatures above 40°C, it is rapid
pH outside range 5.0 – 7.0 will also accelerate the rate of hydrolysis
Product may become hazy and may show some precipitation when chilled
Gentle warming (not exceeding .5°C) with mixing should bring back the material to its original state
Stacking should be maximum 1 + 1 carobys

SUITEPACK MATERIALS:  HMHDPE carboys / IBC

UNSUITEPACK MATERIALS:  Not known
EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY SYSTEM PROTECTION: None required when adequate ventilation provided
SKIN AND BODY PROTECTION: Uniform/Apron, shoes
HAND PROTECTION: Rubber Gloves
EYE PROTECTION: Safety Goggles
ENVIRONMENTAL EXPOSURE CONTROLS: Do not discharge into drains

PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE: Clear, low viscous liquid
COLOR: colorless to pale yellow
ODOR: Fatty
pH (10% AQUEOUS SOLUTION): 5.0 – 7.0
FREEZING POINT: -5°C
INITIAL BOILING POINT/RANGE: No data available
FLASH POINT: > 98°C
eVAPORATION RATE: No data available
FLAMMABILITY (SOLID/GAS): No data available
FLAMMABILITY/EXPLOSIVE LIMITS: No data available
VAPOR PRESSURE: No data available
VAPOR DENSITY: No data available
RELATIVE DENSITY: 1.1100 – 1.1200 @ 25°C
SOLUBILITY(IES): Soluble in water
PARTITION COEFFICIENT: n-octanol/water: Not determined
AUTO-IGNITION TEMPERATURE: No data available
DECOMPOSITION TEMPERATURE: No data available
VISCOSITY (BROOKFIELD, #1, 12 rpm): 200 cps maximum @ 28°C
EXPLOSIVE PROPERTIES: No data available
OXIDIZING PROPERTIES: No data available
SHELF-LIFE: At least 1-year from the date of manufacture

STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Direct source of heat, sunlight and other sources of ignition
MATERIALS TO AVOID: Strong acids, alkali, and oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Will not form when stored or handled as prescribed
HAZARDOUS POLYMERIZATION PRODUCTS: Not anticipated when stored or handled as prescribed

TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ORAL (LD50) (Rat): LD50: >2000 mg/kg
DERMAL (LD50) (Rabbit): LD50: >2000 ml/kg
INHALATION TOXICITY: No data available
SKIN CORROSION/IRRITATION: Not irritating
EYE DAMAGE/IRRITATION: Not irritating
RESPIRATORY/SKIN SENSITIZATION (Guinea pig): No Sensitization
MUTAGENICITY: Non-mutagenic
REPRODUCTIVE TOXICITY: No data available
CARCINOCENICITY: No data available
ECOLOGICAL INFORMATION

ECOTOXICITY:

FISH: No data available
AQUATIC INVERTEBRATES: No data available
ALGAE: No data available
PERSISTENCE AND DEGRADABILITY: Readily biodegradable
BIO-ACCUMULATIVE POTENTIAL: No data available
RESULT OF PBT AND vPvB ASSESSMENT: No data available

DISPOSAL INFORMATION

METHODS OF DISPOSAL: In accordance with local, regional, national and international regulations

TRANSPORT INFORMATION

LAND ROAD / RAILWAY:
ADR/RID Class: Chemicals N.O.S. (non regulated)
ADR/RID Item Number: Chemicals N.O.S. (non regulated)

INLAND WATERWAYS:
ADNR Class: Chemicals N.O.S. (non regulated)

SEA:
IMDG Class: Chemicals N.O.S. (non regulated)
IMDG Page Number: Chemicals N.O.S. (non regulated)

AIR:
IATA-DGE Class: Chemicals N.O.S. (non regulated)

REGULATORY INFORMATION

HAZARD SYMBOLS: None
RISK PHRASES: Not applicable
SAFETY PHRASES: S7/8: Keep container tightly closed and dry
S24/25: Avoid contact with skin and eyes

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Disposal of containers must comply with applicable federal, state and local laws and regulations. Empty containers should never be given to individuals.