

# Material Safety Data Sheet



**PRODUCT NAME: DISODIUM LAURETH SULFOSUCCINATE**

## 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

## COMPOSITION / INFORMATION ON INGREDIENTS

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

## HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

ENVIRONMENTAL HAZARDS: None  
HUMAN HEALTH HAZARDS: None

## 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

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#### FIRST AID MEASURES

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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

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#### ACCIDENTAL RELEASE MEASURE

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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

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#### HANDLING AND STORAGE

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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 carboys

SUITABLE PACKING MATERIALS: HMHDPE carboys / IBC

UNSUITABLE PACKING MATERIALS: Not known

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EXPOSURE CONTROL / PERSONAL PROTECTION

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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

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PHYSICAL/CHEMICAL CHARACTERISTICS

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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  
    UPPER : No data available  
    LOWER : 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

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STABILITY AND REACTIVITY

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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

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TOXICOLOGICAL INFORMATION

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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  
    CARCINOGENICITY: No data available

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ECOLOGICAL INFORMATION

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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

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DISPOSAL INFORMATION

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

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TRANSPORT INFORMATION

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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)
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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)
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NATIONAL TRANSPORT REGULATIONS

Comments:	No Comments
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REGULATORY INFORMATION

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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.