

MATERIAL SAFETY DATA SHEET

	Version	: 1.3
SONACHI® Laxtracide HRL-100	Date of Issue	: 09/02/2009
	Date of printed	: 10/02/2009

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Laxtracide HRL-100
Chemical Name	:	Oil Soluble Sodium Sulfonate
Use of substance/ preparation	:	Used in the formulation of Lubricants
Supplier	:	Sonachi Industries Ltd A/38, Raj Industrial Complex, 2 nd Floor, Marol Military Road, Andheri East, Mumbai 400 059
Emergency Telephone Number	:	SONACHI 91 22 67834500 Sonachi Industries Ltd Response (24 hours) 9821160065
Environmental, Health and Safety Department	:	91 0260 2421535

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>% BY WEIGHT</u>
Sulfonic acids, petroleum, Sodium salts CAS # 68608-26-4	50 - 65

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
WARNING!

CAUSES EYE IRRITATION.

4. FIRST AID MEASURES

Swallowing
Do not induce vomiting. Rinse mouth with water. Obtain medical attention.

Inhalation
Remove to fresh air. Obtain medical attention.

Skin Contact
Remove contaminated clothing. Wash thoroughly with warm water using a mild soap. Obtain medical attention if irritation persists

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5. FIRE – FIGHTING MEASURES

Flash Point : > 356 ° F >180 ° C (> 350 °F)

Flammable limits

Lower limit : Not available

Upper Limit : Not available

Auto ignition temperature : Not available

Hazardous combustion products

Irritating fumes

Oxides of carbon

Special fire fighting procedures

Do not discharge extinguishing waters into streams, rivers and lakes.

Special protective equipment for firefighters

Body covering protective clothing, full “turn-out” gear.

Self-contained breathing apparatus.

Extinguishing media

Suitable : Large fires
alcho-type foam or universal-type foams
Small fires
CO2
Dry Chemical

Unsuitable : - Water jets

6. ACCIDENTIAL RELEASE MEASURES

Personal precautions

Wear suitable protective equipment. Avoid contact with eyes and skin.

Environment precautions

Prevent from entering sewer system, surface water or soil.

Methods for cleaning up

Observe government regulations.

Small spills : Absorb on insert on material such as sand, earth, vermiculite.
Collect for disposal.

Large spills : Dike to contain spill
Pump excess material into suitable container (metal drums, metal tank, or such).

7. HANDLING AND STORAGE

Handling

Handling precautions

Do not get in eyes. Avoid prolonged or repeated contact with skin. Avoid breathing vapor., Use with adequate ventilation., Wash thoroughly after handling.

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STORAGE

Storage requirements

Store in a cool, dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTION

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. The determination of appropriate respiratory protection is best performed, on a case by case basis, taking into consideration the exposure conditions of the particular operation. The respirator manufacturer should be consulted to ensure that the air-purifying cartridges utilized will provide adequate protection for the exposure conditions and period of wear concerned.

Hand protection / protective gloves

Chemical resistant protective gloves

Eye protection

Safety glasses with side shields.

Skin protection

Wear protective clothing, such as long sleeves to minimize skin contact.

Other protective equipment

Eye bath, safety shower

ENGINEERING CONTROLS

Ventilation

General (mechanical) room ventilation is expected to be satisfactory. Special, local ventilation is needed at points where can be expected to escape to the workplace air.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical state	Viscous liquid
Color	Brown
Odor	Mild petroleum

OTHER PROPERTIES

Boiling point	100 ° C
Melting point	Water present
pH	Not available
Specific gravity (H2O=1)	Not available
Vapor pressure	> 1 at 16 ° C
Solubility in water	May emulsify

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Solubility in organic solvent	Partially soluble
Evaporation rate (Butyl Acetate)	Not available
Flash point	>356°F> 177°C >180 °C> 350°F Method: Cleveland open cup ASTM D 92
Autoignition temperature	Not available
Upper explosion limits	Not available
Lower explosion limits	Not available
Percent volatiles	<5 %(m) Water.
Kinematic viscosity	>30 mm ² /s at 40°C

9. STABILITY AND REACTIVITY

Stability: This product is stable under normal storage and handling conditions.

Incompatible materials:

Oxidizing agents.
 Strong acids
 Strong bases.

Hazardous combustion products:

Irritating fumes.
 Oxides of carbon.

Hazardous polymerization : Will not occurs

10. TOXICOLOGICAL INFORMATION

SWALLOWING

Test results

Acute toxicity : LD₅₀) Rat
 Result : > 6,000 mg/kg
 Remark : Test results are based on analogy with a similar material.

SKIN CONTACT

Acute effects
 May cause irritation.

EYE CONTACT

Acute effects
 Causes severe irritation

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11. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

General: Dispose of in accordance with appropriate Federal, State, and local regulation. Avoid discharge to sewers and Natural waters.

14. TRANSPORT INFORMATION

DOT Classification

Not regulated by ground or rail if shipped at temperatures under 212 ° F (100 °C) or in containers less than 450 litres (119 US gal)
If shipped or transported at temperature over 100 ° C (212°F) and in containers greater than 450 liters (119) regulated as :
ELEVATED TEMPERATURE LIQUID, N.O.S. Class 9, UN 3257, PGIII, ERG 128.

IMDG Classification

This product is not regulated by IMDG.

ICAO Classification

This product is not regulated by ICAO.

15. REGULATORY INFORMATION

CHEMICAL INVENTORY

Canada:

The ingredients of this product are on the DSL.

Europe:

The ingredients of this mixture are on the EINECS inventory.

United States:

The ingredients of this product are on the TSCA inventory.

Australia:

The ingredients of this product are on the ECL.

China :

The ingredients of this product are on the IECSC inventory.

Japan :

The ingredients of this product are on the ENCS INVENTORY

Korea

The ingredients of this product are on the ECL.

Philippines

The ingredients of this product are on the PICCS.

EPA

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16. OTHER INFORMATION

HMIS RATING

Health : 2	Flammability	Reactivity : 0	PPI
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STP	Standard temperature and pressure
W/W	O (HMIS)
1 (HMIS)	Slight hazard
2 (HMIS)	Moderate hazard
3 (HMIS)	Serious hazard
4 (HMIS)	Severe hazard
X (HMIS)	Personal protection rating to be supplied by user depending on use conditions

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