

MATERIAL SAFETY DATA SHEET

Sugest LDB 30

Dodecyl (Lauryl) Dimethyl Betaine 30 %

MANUFACTURER:

German metal surface treatment (SUGEST)

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1. Product and Company Identification

NAME **Sugest LDB30**

USE Detergents and cosmetics

LABEL **Sugest LDB30**

Company German metal surface treatment chemicals co.

2. Description:

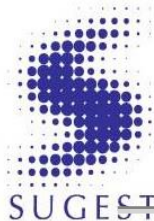
Sugest LDB30 is surfactant that contributes foaming, cleansing and solubilizing properties to formulations ranging from shampoos to oven cleaners.

3. Chemical Composition

Name	CAS #	% by Weight
Water	7732-18-5	60 - 64.5
Lauryl dimethyl Betaine	683-10-3	28-32
Sodium chloride	7647-14-5	5-8 %

4. Application

Dodecyl (Lauryl) Dimethyl Betaine 30 % has a exceptional foaming and detergency properties with compatibility in nonionic, anionic and cationic surfactant solutions suggest a wide range of applications such as in Personal Care formulations, Liquid Detergents, Household and Industrial Cleaners and in Industrial applications such as Mining, Oil Field and Electroplating.



5. Physical & Chemical Properties

Test items	Units	Specification
Appearance		Clear colorless to pale yellow liquid
Active Matter	%	28 - 32
pH (Original) at 20 °C	Value	6 – 8
Sodium Chloride	%	Max 6
Spec. Gravity at 15 °C	Value	0.0960 – 1.055

6. Hazards Identification

Classified as no hazard

Emergency Overview

toxicity and hazard information not available

Inhalation:

not applicable

Harmful or fatal if swelled .

Skin Contact:

not irritant to skin

Chronic Exposure:

No information found.

Aggravation of Pre-existing Conditions:

None known.

7. First Aid Measures

Inhalation:

not applicable.

Ingestion:

drink plenty of water

Skin Contact:

wash the skin immediately with soap and water.

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No: SA-10071-QMS**Eye Contact:**

Immediately flush eyes with plenty of warm water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention, immediately.

REACTIVITY DATA**STABILITY:**

Stable under normal conditions

8. Fire Fighting Measures**Fire:**

This product is non-combustible

Explosion:

Not considered to be an explosion hazard. At low concentration

Fire Extinguishing Media:

Use any means suitable for extinguishing surrounding fire.(flood with water).

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

9. Accidental Release Measures

Release note |

Dilute with large volume of water

b- Environmental precaution

Residual **Lauryl Dimethyl Betaine**% is transferred to new empty can for the second use under restricted condition

10. Handling and Storage

Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities agents. Use only with appropriate protective equipment. Do not use in unventilated areas, walk in coolers or confined spaces. Observe all warnings and precautions listed for the product.

Sugest LDB30 is stored only in vented containers and transferred only in a prescribed manner and never return unused **Sugest LDB30** to original

container, empty drums should be triple rinsed with water before discarding.

Storage store drum in cool area out of direct sunlight and away from combustible, for bulk storage refer to FMC technical bulletins.



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11. Exposure Controls/Personal Protection

Exposure control avoid eye and skin contact

Personal protection wears gloves, goggles and overalls when handling the material

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. (Neoprene, polyvinyl chloride)

Eye Protection:

Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

12. Stability and Reactivity

Stability:

stable at normal condition:

Hazardous Polymerization: will not occur

Material to avoid: none

13. Disposal Considerations

Disposal method : undiluted product is regulated under environmental and transportation laws as irritants .disposal of according to all federal ,state and local authorities for restrictions on disposal of chemical waste ,manage chemical, waste through an approved waste treatment facility , do not reuse empty container ,rinse empty container with water before discarding , container in accordance with current local community codes please recycle empty container whenever possible

14. Transport Information

No restricted

15. Other Information

Label Hazard Warning:

WARNING! HARMFUL IF SWALLOWED OR INHALED.

Label Precautions:

Avoid contact with eyes, skin and clothing.



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- Avoid breathing fume.
- Keep container closed.
- Use only with adequate ventilation.
- Wash thoroughly after handling.

Label First Aid:

If swallowed, induce vomiting immediately as directed by medical personnel. Give milk or water. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact, wipe off excess material from skin then immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. In all cases, get medical attention.

16. Packing Type :

HDPE Containers

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes