



MATERIAL SAFETY DATA SHEET

Sugest LDAO 30

Dodecyl (Lauryl) Dimethyl Amine oxide 30 %

MANUFACTURER:

German metal surface treatment (SUGEST)

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1. Product and Company Identification

NAME Sugest LDAO30

USE Personal Care: shampoos, Hand soap, bath products, creams and lotions, hair conditioners

LABEL Sugest LDAO30

Company German metal surface treatment chemicals co.

2. Description:

Sugest LDAO30 is a surfactant used as a foam enhancer, detergent, stabilising and thickening agent. In the textile industry it can be used as lubricant, emulsifier, wetting agent and dye dispersant.

3. Chemical Composition

Ingredient	CAS No	Percent by weight
Lauryl dimethylamine oxide	1643-20-5	30%
Nonhazardous ingredients	N/A	To 100%

4. Application

Sugest LDAO30 are used in many industrial processes as hard surface cleaners, concentrated Liquid, high foaming formulations (acid or alkaline), Fine fabric detergents, Hypochlorite, and peroxide based cleaners Inert ingredient in non-food pesticides, Personal Care: shampoos, hand soaps, bath products, creams and lotions, hair conditioners, Textile applications: lubricant, emulsifier, wetting agent and dye dispersant.

5. Physical & Chemical Properties

Test items	Units	Specification
Appearance		Clear colorless to pale yellow liquid
Active Matter	%	29 - 33
pH (Original) at 20 °C	Value	6 – 8
Spec. Gravity at 15 °C	Value	0.0960 –1.0

6. Hazards Identification

Potential Acute Health Effects: Irritating to skin, Risk of serious damage to eyes.

7. First Aid Measures

Eye Contact:

If in eyes, hold eyelids apart and flush with running water. Continue flushing until advised to stop by Poisons Information Centre or doctor or for at least 15 minutes. Transport to hospital or medical centre.

Skin Contact:

Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before reuse. If irritation occurs seek medical advice.

Inhalation:

Move to fresh air. Seek medical advice if nausea or vomiting occurs.

First Aid Facilities:

Ensure eye bath and safety shower are available and ready for use.

8. Fire Fighting Measures

Suitable extinguishing agents:

The product is not flammable. Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents:

None.

Special hazards caused by the substance, its products of combustion or resulting gases:

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Nitrogen oxides (NO_x)

Hydrogen cyanide (HCN)

Protective equipment:

Mount respiratory protective device.

9. Accidental Release Measures

Person-related safety precautions:

Wear protective equipment. Keep unprotected persons away.

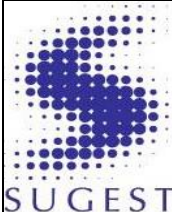
Avoid contact with the eyes and skin.

Measures for environmental protection:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Prevent from spreading (e.g. by damming-in or oil barriers).



Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

10. Handling and Storage

Handling:

Information for safe handling:

Avoid contact with the eyes and skin.

Wash hands before each break and after finishing work.

Information about fire - and explosion protection:

No special measures required.

Storage:

Requirements to be met by storerooms and receptacles:

Prevent any seepage into the ground. Information about storage in one common storage facility:

Not required. Further information about storage conditions:

Keep container tightly sealed.

11. Exposure Controls/Personal Protection

Ingredients with limit values where monitoring at the workplace is recommended:

The product does not contain any relevant quantities of materials with critical values where monitoring at the workplace is recommended.

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Immediately remove all soiled and contaminated clothing

Avoid contact with the eyes and skin.

Safety shower at proximity.

Eye wash station at proximity.

Respiratory protection:

Not necessary if room is well-ventilated.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. PVC gloves

Eye protection:

Tightly sealed goggles Face protection

Body protection:

Protective work clothing Boots

12. Stability and Reactivity

Thermal decomposition / conditions to be avoided:

To avoid thermal decomposition do not overheat.

Materials to be avoided:

Dangerous reactions

Reacts with acids, alkalis and oxidizing agents.

Dangerous decomposition products:

Carbon monoxide and carbon dioxide

Nitrogen oxides (NOx)

13. Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.



**German metal Surface treatment Chemicals Co.
Research and Development Department**

MSDS 26-LDAO-14



Certificate of Registration
No: SA-10071-QMS

14. Transport information

UN Number: None Allocated

UN Proper Shipping Name: None Allocated

Class: None Allocated

Packing Group: None Allocated

Hazchem Code: None Allocated

Road and Rail Transport: Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Marine Transport: Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport: Not classified as Dangerous Goods by the criteria of the international Air Transport (IATA) Dangerous Goods Regulations for transport by air.

15. Other Information

Classification: None Allocated

Poisons Schedule: None Allocated

This material is listed on the Australian Inventory of Chemical Substances (AICS)

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.