



MATERIAL SAFETY DATA SHEET

Sugest Kas 35

Castor oil Soap (sodium salt 35%)

MANUFACTURER:

German metal surface treatment (SUGEST)

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1. Product and Company Identification

NAME Sugest Kas 35

USE Emulsifier agent

LABEL Sugest Kas 35

Company German Metal surface treatment chemicals co.

2. Description

Sugest Kas 35 is clear amber liquid

3. Chemical Composition

Ingredient	CAS No	Percent
Fatty acid ,castor oil sodium salt	8013-06-7	35%

4. Application

Sugest Kas 35 use as emulsifier in antiseptic, disinfectant, detergent and cosmetics products

5. Physical & Chemical Properties

Test items	Units	Specification
Appearance		Clear Amber liquid
Active Matter	%	34.5 – 35.5
Free alkalinity	Value	0.01 – 0.05
Odor		Fatty odour

6. Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

7. First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.

Skin Contact:

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse, clean shoes before reuse. Get medical attention immediately.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

8. Fire Fighting Measures

Fire: May be combustible at high temperature

Auto-Ignition Temperature: 449°C (840 °F)

Flash Points: CLOSED CUP: 230°C (446°F).

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO₂).



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

A- Release note:

Dilute with large volume of water

B- Environmental precaution

Residual **Castor oil Soap** 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.

Castor oil Soap is stored only in vented containers and transferred only in a prescribed manner and never return unused **Castor oil Soap** 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

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. Please refer to the ACGIH document, *Industrial Ventilation, a Manual of Recommended Practices*, most recent edition, for details.

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.

Reactivity Data

STABILITY: Stable under normal conditions

Hazardous Polymerization: will not occur

Avoid mixing with alkaline.

13. Disposal Considerations

Disposal method: Undiluted product is regulated under environmental and transportation laws as irritants. Disposal 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

Non hazard

15. Other Information

Label Hazard Warning:

WARNING! HARMFUL IF SWALLOWED OR INHALED. **Label Precautions:**

Avoid contact with eyes, skin and clothing.

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:

Sugest Kas 35 is available in HDPE with outer cap containers.

Storage Temperature limit 25 – 40 ° C

Maximum storage period 24 Months



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

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