

GINONEOS KOS

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SECTION 1: IDENTIFICATION

1.1 GHS Product identifier:

GINONEOS KOS
Mild anionic surfactant (isethionate/sulfonate class) – proprietary Godrej trade grade
CAS: Not publicly listed – contact us for details

Other means of identification:

Not relevant

1.2 Recommended use of the chemical and restrictions on use:

Relevant uses: Mild anionic surfactant used as a detergent-active base or co-surfactant in personal-care and cosmetic cleansing formulations (mild/syndet cleansing bars, face and body washes) and liquid/solid detergent formulations requiring a low-irritation anionic surfactant. For industrial user only.
Uses advised against: All uses not specified in this section or in section 7.3.

1.3 Supplier's details:

SURAJ CHEMICALS
No 92, Govindappa Naicken Street, Shiva Complex, Chennai – 600001, Tamil Nadu, India
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Email: sales@surajchemicals.com | Website: www.surajchemicals.com
GST No: 33ACEPV8190L1ZZ

1.4 Emergency phone number:

Emergency Contact No: +91 - 7092722822, +91 - 9840284032

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

GHS:
The exact chemical identity of this proprietary Godrej trade grade is not publicly disclosed (CAS not publicly listed). The classification below reflects the well-established, class-typical hazard profile for mild anionic surfactants of the isethionate/sulfonate type; exact substance-specific classification data for this grade is available on request from Suraj Chemicals.

Skin Irrit. 2	Skin corrosion/irritation, Category 2, H315 (class-typical)
Eye Irrit. 2	Eye irritation, Category 2, H319 (class-typical)

2.2 GHS label elements, including precautionary statements:

GHS: Warning

Hazard statements:

Skin Irrit. 2: H315 – Causes skin irritation.
Eye Irrit. 2: H319 – Causes serious eye irritation.

Precautionary statements:

P264: Wash skin/hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313: If skin irritation occurs, get medical advice/attention.
P337+P313: If eye irritation persists, get medical advice/attention.
P362: Take off contaminated clothing, wash before reuse.
P501: Dispose of contents/container in accordance with local regulations on industrial waste.

2.3 Other hazards which do not result in classification:

Not relevant

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances:

Chemical description: Mild anionic surfactant, isethionate/sulfonate class – proprietary Godrej trade grade
In accordance with Annex 4.3.3 of the GHS, the product composition is as follows:

Identification	Chemical Name / Classification	Concentration
CAS: Not publicly listed	Mild anionic surfactant (isethionate/sulfonate class) – Skin Irrit. 2: H315; Eye Irrit. 2: H319 (class-typical) – Warning	Available on request

Available on request – the exact chemical identity, CAS number and active-matter concentration of this proprietary Godrej trade grade are not publicly disclosed and are available on request from Suraj Chemicals. To obtain more information on the hazards of the substances, consult sections 11, 12 and 16.

3.2 Mixtures:

This product is an anionic-surfactant-based proprietary trade grade; the exact composition/formulation is proprietary to the manufacturer and is available on request.

SECTION 4: FIRST AID MEASURES

4.1 Description of necessary first-aid measures:

Take off immediately all contaminated clothing. Self-protection of the first aider is advised.

By inhalation:

Provide fresh air. Seek medical attention in all cases of doubt or when symptoms persist.

By skin contact:

Wash immediately with plenty of water and soap.

By eye contact:

Flush immediately with plenty of water for at least 15 minutes, holding eyelids apart. Remove contact lenses, if present and easy to do. Seek medical attention if irritation persists.

By ingestion/aspiration:

Rinse mouth with water (only if the person is conscious). Do not induce vomiting. Call a physician if discomfort persists.

- 4.2 Most important symptoms/effects, acute and delayed:**
Inhalation: dust/mist may cause mild irritation of the nose and throat. Skin contact: mild to moderate irritation, redness; this class of surfactant is generally considered milder than conventional alkyl sulfates. Eye contact: irritation, redness, watering. Ingestion: mild irritation to mouth, throat and stomach.
- 4.3 Indication of immediate medical attention and special treatment needed, if necessary:**
Symptomatic treatment as required.

SECTION 5: FIRE-FIGHTING MEASURES

- 5.1 Suitable extinguishing media:**
Suitable: Water spray, foam, dry chemical powder, carbon dioxide (CO₂). Co-ordinate fire-fighting measures to the surroundings.
Unsuitable: None known
- 5.2 Specific hazards arising from the chemical:**
Not classified as flammable under normal conditions of use. May generate oxides of carbon and sulfur on combustion; exact combustion products are grade-specific and available on request.
- 5.3 Special protective actions for fire-fighters:**
Do not allow firefighting water to enter drains or water courses. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus and full protective clothing.
- Additional provisions:**
Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:**
For non-emergency personnel:
Wear suitable protective equipment to prevent contamination of skin, eyes and personal clothing. Avoid generating dust; avoid slipping on spilled product.
- For emergency responders:**
Wear protective equipment described in Section 8. Keep unprotected persons away.
- 6.2 Environmental precautions:**
Keep away from drains, surface water and ground water. Retain contaminated washing water for disposal.
- 6.3 Methods and materials for containment and cleaning up:**
Sweep/vacuum up or contain the spilled material (avoiding dust generation, where applicable) and collect in a clean, dry, labelled container for disposal or reuse. Wash the residual area with water, avoiding release to drains.
- 6.4 Reference to other sections:**
See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling:**
A. General precautions for safe use:
Provide sufficient ventilation. Avoid contact with skin and eyes. Avoid generating dust/mist during handling and transfer.
- B. Technical recommendations for the prevention of fires and explosions:**
No special measures required under normal conditions of use; avoid static build-up if handled as a fine powder in bulk.
- C. Technical recommendations on general occupational hygiene:**
Do not eat, drink or smoke in work areas. Wash hands before breaks and after work.
- D. Technical recommendations to prevent environmental risks:**
Prevent release to drains, surface water and groundwater. See subsection 6.2.
- 7.2 Conditions for safe storage, including any incompatibilities:**
A. Specific storage requirements:
- | | |
|---------------------------------|---|
| Recommended storage temperature | Cool, dry conditions, below 35°C |
| Packaging | Keep container/packaging tightly closed |
- B. General conditions for storage:**
Store in original, tightly closed packaging in a cool, dry, well-ventilated area, protected from direct sunlight and moisture. Keep away from strong oxidising agents, strong acids and strong alkaline materials. For additional information see subsection 10.5.
- 7.3 Specific end use(s):**
No additional information available beyond uses listed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:**
No occupational exposure limit (OEL) has been established for this proprietary grade under the Factories Act, 1948, or comparable standard lists; control exposure to the lowest practicable level as good industrial hygiene practice.
- 8.2 Appropriate engineering controls:**
Provide sufficient general/local exhaust ventilation as a collective protection measure, in addition to individual PPE as needed.
- B. Respiratory protection:**
Use a suitable dust/mist mask or respirator (e.g. FFP2) where dust/mist is generated during bulk handling or processing.
- C. Specific protection for the hands:**
Wear suitable chemical-resistant gloves – nitrile or natural rubber (NR)/latex, minimum thickness 0.35–0.65 mm.
- D. Eye and face protection:**
Use safety goggles with side protection; wear face protection where splashing or dust generation may occur.
- E. Bodily protection:**
Protective clothing (apron/coverall) recommended for prolonged or repeated contact.
- F. Additional emergency measures:**
Emergency shower and eyewash stations should be available near the work area.
- Environmental exposure controls:**
Avoid environmental spillage of both the product and its packaging. See subsection 6.2.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Information on basic physical and chemical properties:**
- | Appearance | |
|------------------------|---------------------------------------|
| Physical state at 20°C | Available on request (grade-specific) |
| Appearance | Available on request (grade-specific) |
| Color | Available on request (grade-specific) |

Odor	Characteristic (mild, class-typical for isethionate/sulfonate surfactants)
Odour threshold	Not available
Volatility	
Boiling point at atmospheric pressure	Not established for this grade
Vapour pressure	Not available
Evaporation rate	Not available
Product Description	
Density / Relative density	Available on request (grade-specific)
Active matter (% AM)	Available on request (grade-specific)
pH (1% aqueous solution)	Mildly acidic to neutral, class-typical for isethionate/sulfonate surfactants (approx. 5.0 – 7.5); exact value available on request
Vapour density	Not applicable
Partition coefficient n-octanol/water (log KOW)	Not available
Solubility in water	Soluble/dispersible (class-typical); exact value available on request
Melting point/freezing point	Not established for this grade
Flammability	
Flash Point	Not established for this grade
Flammability (solid, gas)	Not classified as flammable based on class-typical data
Autoignition temperature	Not available
Lower / Upper flammability limit	Not available

As the exact chemical identity of this proprietary Godrej trade grade is not publicly listed (no public CAS number), the values above reflect well-known, class-typical properties for mild anionic surfactants of the isethionate/sulfonate type where standardised; exact, grade-specific physical constants are marked "Available on request" and can be obtained from Suraj Chemicals rather than estimated.

9.2 Other information:

Explosive properties	Not available
Oxidising properties	Not available
Dynamic viscosity	Available on request (grade-specific)

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity:**
Reacts with strong oxidising and strong reducing agents; otherwise not reactive under normal conditions of use. Isethionate/sulfonate-ester-type surfactants may undergo hydrolysis under strongly acidic or strongly alkaline conditions or at elevated temperature (class-typical behaviour).
- 10.2 Chemical stability:**
Stable under normal conditions of storage and handling.
- 10.3 Possibility of hazardous reactions:**
Hazardous polymerisation will not occur.
- 10.4 Conditions to avoid:**
- | Shock/Friction | Contact with Air | Increase in Temperature | Sunlight | Humidity |
|----------------|------------------|------------------------------------|---------------------------------|---|
| Not applicable | Not applicable | Avoid prolonged storage above 35°C | Avoid prolonged direct sunlight | Avoid moisture (class-typical hygroscopic tendency) |
- 10.5 Incompatible materials:**
Reactive with strong oxidising agents, strong acids and strong alkaline materials (e.g. concentrated nitric acid, sulphuric acid, strong caustic solutions).
- 10.6 Hazardous decomposition products:**
Will not occur under normal use and temperature conditions. Thermal decomposition/combustion may release oxides of carbon and sulfur (class-typical for isethionate/sulfonate surfactants); exact decomposition products for this grade are available on request.

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects:**
Substance-specific toxicological data for this proprietary trade grade is not publicly available (available on request). In the absence of grade-specific data, the following reflects the well-known, class-typical toxicological profile of mild anionic surfactants of the isethionate/sulfonate type, which are generally regarded as low-irritation surfactants relative to conventional alkyl sulfates:
- A. Ingestion (acute effect):**
Class-typical: LD50 (rat, oral) generally > 2000 mg/kg for surfactants of this type. May cause mild gastrointestinal irritation if swallowed in quantity. Grade-specific figure available on request.
- B. Inhalation (acute effect):**
Class-typical: dust/mist may cause mild irritation of the nose, throat and respiratory tract. Grade-specific figure available on request.
- C. Contact with skin and eyes (acute effect):**
Class-typical: mild to moderate skin irritation; eye contact may cause irritation. Isethionate/sulfonate-class surfactants are widely used in mild/syndet cleansing formulations owing to their comparatively low irritation potential.
- D. CMR effects (carcinogenicity, mutagenicity, reproductive toxicity):**
Not classified as a germ cell mutagen, carcinogen, or reproductive toxicant based on class-typical available data. IARC: Not listed.
- E. Sensitizing effects:**
Not classified as a respiratory or skin sensitizer based on class-typical available data.
- F. Specific target organ toxicity (STOT) – single/repeated exposure:**
Classification criteria for single or repeated exposure STOT are not met based on class-typical available data.
- H. Aspiration hazard:**
Not classified based on available data.
- Product-specific toxicological information:**

Exposure route	Effect rate / concentration	ATE value
Acute Oral	LD50, rat	Available on request (class-typical: > 2000 mg/kg)
Acute Dermal	LD50, rabbit/rat	Available on request (class-typical: > 2000 mg/kg)
Acute Inhalation	LC50, rat (4h)	Available on request

SECTION 12: ECOLOGICAL INFORMATION

Class-typical: may be harmful to aquatic life; grade-specific ecotoxicological data available on request.

12.1 Toxicity:

Acute Toxicity	Species	Genus
LC50: Available on request (class-typical range 1 – 10 mg/L, 96h)	Freshwater fish	Fish
EC50: Available on request (class-typical range 1 – 10 mg/L, 48h)	Daphnia magna	Crustacean

12.2 Persistence and degradability:

Anionic surfactants of the isethionate/sulfonate class are generally readily biodegradable (class-typical); grade-specific test data available on request.

12.3 Bioaccumulative potential:

Not expected to bioaccumulate significantly, consistent with the class-typical profile of this surfactant type. Grade-specific data available on request.

12.4 Mobility in soil:

Not available

12.5 Results of PBT and vPvB assessment:

Not available

12.6 Other adverse effects:

Not available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods:

Do not empty into drains; avoid release to the environment. Not classified as a hazardous waste under normal conditions; dispose of according to applicable central/state pollution control regulations. All waste must be handled in accordance with local, state and central regulations, which may vary by location.

Waste shall be separated into categories that can be handled by local/national waste management facilities, per relevant provisions.

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land (ADR 2023 / RID 2023):

14.1 UN number	Not applicable
14.2 UN proper shipping name	Not a regulated material
14.3 Transport hazard class(es)	Non-hazardous for transport
14.4 Packing group	Not applicable
14.5 Environmental hazard	Not classified for transport purposes
14.6 Special precautions for user	None
14.7 Transport in bulk (Annex II MARPOL 73/78, IBC Code)	Not applicable

Transport of dangerous goods by sea (IMDG 41-22):

14.1 UN number	Not applicable
14.2 UN proper shipping name	Not a regulated material
14.3 Transport hazard class(es)	Non-hazardous for transport
14.4 Packing group	Not applicable
14.5 Marine pollutant	No
14.6 Special precautions for user	None
14.7 Transport in bulk (Annex II MARPOL 73/78, IBC Code)	Not applicable

Transport of dangerous goods by air (IATA/ICAO 2024):

14.1 UN number	Not applicable
14.2 UN proper shipping name	Not a regulated material
14.3 Transport hazard class(es)	Non-hazardous for transport
14.4 Packing group	Not applicable
14.5 Environmental hazard	Not classified for transport purposes
14.6 Special precautions for user	Not necessary
14.7 Transport in bulk (Annex II MARPOL 73/78, IBC Code)	Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product in question:

According to available class-typical data, this product is not a specially regulated substance; observe prescribed central, state and local measures while handling industrial chemicals. Substance-specific regulatory listing status is available on request.

Other legislation:

Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989
The Factories Act, 1948 (Act No. 63 of 1948), as amended by the Factories (Amendment) Act, 1987 (Act 20 of 1987)

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Annex 4 – Guidance on the preparation of Safety Data Sheets of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). As no public CAS number is available for this proprietary Godrej trade grade, hazard, physical and toxicological data above are based on the well-established, class-typical profile of mild anionic surfactants of the isethionate/sulfonate type, with grade-specific figures explicitly marked "Available on request" rather than estimated.

Texts of the legislative phrases mentioned in sections 2 and 3:

H315: Causes skin irritation.
H319: Causes serious eye irritation.

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3.

Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

Well-established, class-typical public GHS/CLP classification and toxicological data for mild anionic surfactants of the isethionate/sulfonate type; standard industry references. This proprietary Godrej trade grade has no publicly listed CAS number, so substance-specific figures not covered by public class data are marked "Available on request" above and can be obtained directly from Suraj Chemicals.

Abbreviations and acronyms:

GHS: Globally Harmonized System of Classification and Labelling of Chemicals | ATE: Acute Toxicity Estimate | CMR: Carcinogenic, Mutagenic or toxic for Reproduction | Log KOW: N-octanol/water partition coefficient | PBT: Persistent, Bioaccumulative and Toxic | vPvB: Very Persistent and very Bioaccumulative | AM: Active Matter | OEL: Occupational Exposure Limit

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product; it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within Suraj Chemicals' awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

END OF SAFETY DATA SHEET