

SAFETY DATA SHEET

2WORK INVIGORATE ANTIBACTERIAL HAND SOAP

This SDS is provided voluntarily as cosmetic product is exempt from SDS requirements of REACH

Not classified

Germ cell mutagenicity

Genotoxicity - in vitro

None of the components have been identified as germ cell mutagens.

Carcinogenicity

None of the components have been identified as carcinogens.

Reproductive toxicity

Reproductive toxicity - fertility

None of the components have been identified as reproductive toxins.

Specific target organ toxicity - single exposure

STOT - single exposure

None of the components have been identified as presenting a systemic target organ hazard.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

None of the components have been identified as systemic target organ hazard.

Aspiration hazard

Based on available data the classification criteria are not met. Not considered to present as aspiration hazard

Toxicological information on ingredients.

Sodium Laureth Sulfate

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg) >2000 Based on available data the classification criteria are not met

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg) >2000 Based on available data the classification criteria are not met

Species Rat

Skin Corrosion/Irritation Irritating. REACH dossier information

Serious Eye damage/ irritation Irritating REACH dossier information

Lactic acid

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg) 3.730 mg/kg

Species Rat

Acute toxicity oral (LD50 mg/kg) 4.875 mg/kg

Species Mouse

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg) >2.000 mg/kg

Species Rabbit

Skin Corrosion/Irritation Mild skin irritation.

Species Guinea pig

Skin Corrosion/Irritation Severe skin irritation.

Species Rabbit

Serious Eye damage/ irritation Irritating

Species Rabbit

12. Ecological Information

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12.1. Toxicity

Not expected to be toxic in the environment

Ecological information on ingredients.

Sodium Laureth Sulfate

Fish	CL50	7.1 mg/l
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Lactic acid

Fish	LC50	320 mg/l (48hr exposure)
Algae	EC50	3.50 mg/l (Scenedesmus capricornutum)

12.2. Persistence and degradability

Persistence and degradability

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

The active component (Lactic acid) is readily biodegradable.

12.3 Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient n-octanol/water for **Lactic Acid**: log Kow < 1

12.4 Mobility in soil

All components are water soluble and readily absorbed into soil and are mobile in water environment

12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB

12.6 Other adverse effects

None known

13. Disposal Considerations

13.1. Waste treatment methods

Disposal methods : Dispose of contents/container in accordance with national regulations

14. Transport Information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. **UN number :** Not applicable.

14.2. **UN proper shipping name:** Not applicable.

14.3. **Transport hazard class(es):** No transport warning sign required.

14.4. **Packing group:** Not applicable.

14.5. **Environmental hazards:**

Environmentally hazardous substance/marine pollutant: No.

14.6. **Special precautions for user:** Not applicable.

14.7. **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code :** Not applicable.

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15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
All components are listed as existing substances in Europe

15.2 Chemical safety assessment:
No Chemical Safety Assessment has been carried out.

16. Other Information

Revision Comments Remove Risk phrases and correct INCI list

Revision Date 10/10/2020

Revision 8

Hazard Statements In Full

H315 Causes skin irritation

H318 Causes serious eye damage

Disclaimer

The information contained in this data sheet is, to the best of our knowledge and belief, accurate and is based upon our technical knowledge of the product and the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness. Ingenia Life Solutions will not be responsible for any damage or injury resulting from any inherent hazard of the material, the abnormal use of the material or from failure to adhere to recommendation