



Safety Data Sheet (SDS)

Revision 1 / Review Date: 11/19/15

1. Chemical Product and Company Identification

Product Name:	Grindsted Soft –N- Safe
Distributed By:	HB Chemical 1665 Enterprise Parkway Twinsburg Oh 44087 Phone - 330-920-8023
SDS Prepared By (w Suppliers Input):	HB Chemical
Chemical Name / Family:	Acetic acid ester of monoglyceride
Product Use:	Plasticizer
CAS No:	736150-63-3

For emergency health, safety, and environmental information, calls 330-920-8023

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300

2. Hazard(s) Identification

<u>GHS Warning:</u>	None
<u>GHS Signs and Symptoms of Exposure:</u>	None.
<u>Primary Routes of Entry:</u>	Skin and eyes.
<u>Medical Conditions Generally Aggravated by Exposure:</u>	Not available.
<u>Eye Contact:</u>	May cause mild eye irritation.
<u>Skin Contact:</u>	May cause mild skin irritation.
<u>Inhalation:</u>	May cause mild irritation to respiratory tract.
<u>Ingestion:</u>	May cause digestive tract irritation.

3. Composition / Information on Ingredients

Weight percent	Components	CAS No
100%	Acetic ester of monoglyceride	736150-63-3

4. First Aid Measures

<u>Inhalation:</u>	Move to fresh air. If experiencing respiratory symptoms: Call Poison Control or a doctor.
<u>Eyes:</u>	Flush eyes with copious amounts of water, also under the eye lids. If symptoms persist or if there is any visual difficulty, consult physician.
<u>Skin:</u>	Rinse immediately with plenty of water. If skin irritation occurs, seek medical advice/ attention. Take off contaminated clothing and wash clothing before reuse.
<u>Ingestion:</u>	Clean mouth with water and afterwards drink plenty of water. Call a doctor or poison control immediately.

5. Fire-Fighting Measures

<u>Special Fire Fighting Procedures:</u>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH and full protective gear. Treat as burning melted fat.
<u>Suitable Extinguishing Media:</u>	Alcohol-resistant foam, water fog, dry chemical or carbon dioxide.
<u>Hazardous Combustion Products:</u>	Not available.
<u>Unusual fire and explosion hazards:</u>	Not available.

6. Accidental Release Measures

<u>Environmental precautions:</u>	Do not allow into any sewer, on the ground or into any body or water.
<u>Steps to be taken in case material is spilled:</u>	If spilled, take caution, as material can cause surfaces to become very slippery. Soaks up with inert absorbent materials (e.g. sand, silica gel, acid binder, universal binder, sawdust). . Wash spilled area with plenty of water.
<u>Waste Disposal:</u>	Not available.

7. Handling and Storage

<u>Precautions for Safe Handling:</u>	Ensure adequate ventilation.
<u>Storage:</u>	Store in a dry place and/or in closed container.
<u>Empty Containers:</u>	Not available.

8. Exposure Controls / Personal Protection

<u>Engineering Measures:</u>	Use only with adequate ventilation.
<u>Hygiene measures:</u>	Handle in accordance with good industrial hygiene and safety practice.
<u>Exposure Controls:</u>	Not available.
<u>Respiratory Protection:</u>	Not available.
<u>Ventilation:</u>	Not available.
<u>Hand Protection:</u>	Use protective gloves.
<u>Eye Protection:</u>	Safety- glasses with side-shields.
<u>Skin and Body Protection:</u>	Wear suitable protective clothing.
<u>Other Precautions:</u>	Not available.
<u>Decontamination Facilities:</u>	Not available.

9. Physical and Chemical Properties

<u>Physical State:</u>	Liquid.
<u>Appearance & Odor:</u>	Clear/ Slight odor of fatty acid.
<u>Solubility in Water:</u>	Insoluble in water.
<u>Specific Gravity:</u>	1,00 (20 °C.)
<u>Softening Point, R&B:</u>	Not available.
<u>Solubility in Water:</u>	Not available.
<u>Flash Point, TAG CC F:</u>	> 100 °C
<u>Percent Volatiles (by weight):</u>	Not available.
<u>Evaporation Rate (Water ~ I):</u>	Not available.
<u>Vapor Pressure (mm Hg):</u>	Not available.
<u>Vapor Density (Air ~ I):</u>	Not available.
<u>Boiling Point (°C)/ Range:</u>	>250 °C
<u>Auto ignition Temperature, °C:</u>	Not available.
<u>Flammable Limits, %(V):</u>	Not available.
<u>Partition coefficient:</u>	log Pow=6.42

10. Stability and Reactivity

<u>Chemical stability:</u>	This product is stable under normal conditions.
<u>Incompatibility (Materials to Avoid):</u>	Not available.
<u>Conditions to Avoid:</u>	Not available.
<u>Hazardous Polymerization:</u>	Not available.

11. Toxicological Information

This material is not listed as a carcinogen or potential carcinogen by NTP, IARC, or OSHA.

12. Ecological Information

<u>Persistence and degradability:</u>	Readily biodegradable.
<u>Bioaccumulative potential:</u>	Bioaccumulation is unlikely.
<u>Mobility in soil:</u>	The product is insoluble and floats on water.
<u>Ecotoxicity effects:</u>	Contains no substance known to be hazardous to the environment or that are not degradable in waste water treatment plants.

13. Disposal Considerations

<u>Waste from residues / unused products:</u>	Small amounts can be disposed together with domestic refuse. Dispose of contents/container in accordance with local regulation.
---	---

14. Transport Information

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR.

15. Regulatory Information

Regulatory Lists

North America

Main Term (NA)

Main Term (North America)

CAS RN: 736150-63-3

Name: GLYCERIDES, CASTOR-OIL MONO-, HYDROGENATED, ACETATES

U.S. Federal, TSCA

TSCA Commenced Premanufacture Notice Substances [flagged P on TSCA Inventory]

CAS RN: 736150-63-3

Name: Glycerides, castor-oil mono-, hydrogenated, acetates

U.S. Federal, Food and Drugs

FDA. Food Contact: Inventory of Effective Food Contact Substance (FCS) Notifications (June 27, 2015)

CAS RN: 736150-63-3

Name: Octadecanoic acid, 1-(12-acetyloxy)-, 2,3-bis(acetyloxy)propyl ester; 1-(12-acetoxystearoyl)-2,3-diacetylglycerol

FCS Number: 812,750,1126

This product is not classified as dangerous according to the CLP Regulation (EC) No 1272/2008. (During the transitional period the Dangerous Substance Directive 67/568/EEC and the Dangerous Preparation Directive 99/45/EC, remains applicable).

16. Other Information

The above information has been compiled from what we believe to be credible sources. To our knowledge the information is accurate and reliable, however, it is not guaranteed. Any recommendations issued by HB Chemical personnel or literature is derived from experience and by no means should be taken as fact or construed as a recommendation to violate of any law, regulation or patent. It is the users responsibility to determine the suitability of any HB supplied material in their application. The individual conditions of each customer are well outside of our control and we cannot be held liable for its functionality and use. Please contact our office should you need specific information beyond what is supplied above. As with all Chemical usage safety precautions beyond the stated are highly recommended.