



SAFETY DATA SHEET

NORAC[®] TPSA

SECTION 1 - IDENTIFICATION OF THE PRODUCT AND THE COMPANY

PRODUCT NAME	Norac [®] TPSA	TELEPHONE	870-572-9061
MANUFACTURER	Norac, Inc.	CHEMTREC (24hr) (USA)	800-424-9300
ADDRESS	360 Phillips 311 Road, Helena, AR 72342	(Maritime/International)	703-527-3887
CHEMICAL NAME	Stearic Acid		
PHYSICAL FORM	flake		

SECTION 2 - HAZARD IDENTIFICATION

Molten product may cause thermal burns. Usual hazards associated with organic dusts. The possibility of explosions exists under dusty conditions. Avoid dusting when handling and avoid all possible sources of ignition (Spark and Flame). Normal precautions common to safe manufacturing practice should be followed in handling and storage.

CLASSIFICATION OF SUBSTANCE

OSHA: **WARNING: MAY FORM COMBUSTIBLE DUST CONCENTRATIONS IN THE AIR**

POTENTIAL HEALTH EFFECTS

Primary routes of entry: Eye contact, Skin contact

Eye:	May cause eye irritation; Molten product may cause thermal burns
Skin:	May cause mild skin irritation; Molten product may cause thermal burns
Ingestion:	Large oral doses may cause irritation to the gastrointestinal tract.
Inhalation:	Excessive inhalation of dust or heated vapors may cause irritation to the respiratory tract.
Chronic:	No information available

GHS Label elements, including precautionary statements

Pictogram	None
Signal word	None
Hazard statement(s)	None

Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash skin thoroughly after handling
P280	Wear protective gloves/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.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS	EINEC No.	% BY WEIGHT
Octadecanoic acid	57-11-4	200-131-4	100

No Hazardous Ingredients

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SECTION 4 - FIRST-AID MEASURES

Inhalation	Remove to fresh air
Skin Contact	Wash skin thoroughly with soap and water for at least 15 minutes. If redness or irritation occurs, seek medical attention. WHEN MOLTEN ONLY (molten product can cause thermal burns) - Cool with water or ice
Eye Contact	Immediately flush eyes with water and continue washing for at least 15 minutes. If redness or irritation occurs, seek medical attention. WHEN MOLTEN ONLY (molten product can cause thermal burns).
Ingestion	No emergency care anticipated.
Notes to Physician	None

SECTION 5 - FIRE-FIGHTING MEASURES

Flash point:	190 °C (374 °F)
Extinguishing Media	Dry chemical, water spray, CO2, foam
Fire Fighting Procedure:	Do not direct a solid stream of water or foam into burning molten material; this may cause spattering and spread the fire.
Special protective equipment for firefighting:	Firefighters must be equipped to prevent breathing of vapors or products of combustion. Wear an approved self-contained breathing apparatus and protective clothing.
Hazardous combustion products:	Carbon monoxide; Carbon dioxide

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN EVENT OF SPILL OR RELEASE	<p>This product is insoluble in water and will float on the surface.</p> <p>Avoid dust formation. Avoid dispersion of dust. Sweep up and collect in a suitable container for disposal.</p> <p>When Molten - Transfer liquids and solid containment material to suitable containers for recovery or disposal. Allow remaining liquid to solidify, then shovel into containers.</p> <p>Observe government regulations.</p> <p>See <i>Section 7</i> for information on safe handling. See <i>Section 8</i> for information on personal protection equipment. See <i>section 13</i> for disposal information.</p>
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SECTION 7 - HANDLING AND STORAGE

HANDLING	Avoid breathing dust. Avoid dispersion of dust to reduce fire and explosion potential. WHEN MOLTEN ONLY Exercise suitable precautions to avoid thermal burns., Product is normally maintained in a heated, liquid form
STORAGE	Normal precautions common to good safety practice should be followed in storage. Repair all broken containers immediately.

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SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values

Component	Country	Type	Value	Remark
Octadecanoic acid	USA	PEL, OSHA	5 mg/m ³	Respirable dust
		PEL, OSHA	15 mg/m ³	Total dust
		TWA, ACGIH	10 mg/m ³	Total dust for nuisance particulates

No other exposure limits have been established. Consult local authorities for acceptable provincial values

Engineering Measures Use local ventilation or engineering controls as needed to maintain personnel exposure below TLV

Hygiene Measures Handle in accordance with good industrial hygiene and safety practices.

Personal Protective Equipment

Respiratory Protection Do not breathe hot vapors. Self-contained breathing apparatus may be needed if product is used in a confined or poorly ventilated area. Use NIOSH/MSMA certified dust mask and/or respirator where appropriate

Hand Protection Neoprene

Eye Protection goggles.

Skin Protection Rubber or plastic apron

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid
Color	Off-white
Odor	Slightly fatty
Odor threshold	Not available
Boiling Point	>315 °C (600 °F)
Melting Point	53 °C (127 °F) - 56 °C (133 °F)
Solidification	Not available
pH	Not available
Evaporation Rate	Not applicable
Vapor Pressure	Not available
Vapor Density	Not available
Specific gravity (H₂O=1)	0.880 g/cm ³ at 25°C
Solubility in water	Insoluble
Solubility in organic solvents	No data available
Partitioning coefficient	Not available
Autoignition temperature	Not available
Upper explosion limits	Not available
Lower explosion limits	Not available
Decomposition temperature:	Not available
Flash point	190 °C (374 °F) Method: Cleveland open cup ASTM D 92
Percent volatiles	0%(m)

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SECTION 10 - STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Conditions to avoid	None Known
Incompatible materials	Strong oxidizing agents
Hazardous combustion products	Carbon monoxide; Carbon dioxide
Hazardous polymerization	Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute toxicity: Not classified. Conclusive but not sufficient for classification.

ORAL LD₅₀	No Data Available
INHALATION LC₅₀	No Data Available
DERMAL LD₅₀	No Data Available

CARCINOGENICITY

IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

EYES:	May cause slight irritation. Molten product may cause thermal burns.
SKIN CONTACT:	May cause slight irritation. WHEN MOLTEN ONLY (molten product can cause thermal burns).
SKIN ABSORPTION:	Low acute toxicity
INHALATION :	Vapor or mist from heated material or dust may cause irritation of the respiratory tract.
SWALLOWING:	Low acute toxicity. Molten product may cause thermal burns.

REPRODUCTIVE TOXICITY	No data available
TERATOGENICITY	No data available
REPRODUCTIVE EFFECTS:	No data available
MUTAGENICITY:	No data available

Specific target organ toxicity - single exposure (Globally Harmonized System)	No Data Available
Specific target organ toxicity - repeated exposure (Globally Harmonized System)	No Data Available

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicological Information	No data available
Bioaccumulative Potential	Bioaccumulative - unlikely.
Comments	Not expected to be acutely toxic to aquatic organisms.

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SECTION 13 - DISPOSAL CONSIDERATIONS

General	It is our opinion this product is not a RCRA hazardous waste. It is the generator's responsibility to make their own determination as to the RCRA status of waste they generate. We have not performed a Toxicity Characteristic Leachate Procedure (TCLP) on this product. Incinerate in a furnace where permitted under appropriate Federal, State, and local regulations.
Non-cleaned packages	Dispose of washing solution in same way as product. Subject completely emptied paper bags to paper recycling

SECTION 14 - TRANSPORT INFORMATION

DOT	This product is not regulated by DOT
Canada Transportation of Dangerous Goods	This product is not regulated by TDG
IMDG Classification	Not classified as dangerous under IMDG regulations
ICAO Classification	Not classified as dangerous under ICAO regulations

SECTION 15 - REGULATORY INFORMATION

UNITED STATES

SARA Title III (Superfund Amendments and Reauthorization Act)

313 Reportable Ingredients: None

302/304 Emergency Planning

Emergency Plan: None

CERCLA (Comprehensive Response, Compensation and Liability Act)

CERCLA RQ: None

EPA Hazard Categories

SARA 311/312: None

TSCA (Toxic Substance Control Act)

TSCA Status: This product is on the TSCA inventory

New Jersey Worker and Community Right-To-Know Act (Labeling Requirements)

Chemical name	C.A.S. Number	New Jersey TS Number
Octadecanoic acid	57-11-4	

California Proposition 65 Does not contain any contaminants or byproducts known by the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 Safe Drinking Water and Toxic Enforcement Act.

CANADA

WHMIS CLASSIFICATION: Not a controlled product

CPR Compliance This Product has been classified with the hazard criteria of the CPR, and the SDS contains all the information required by CPR

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Chemical Inventory

Canada:	This product is on the DSL.
Europe:	This product is on the EINECS inventory.
United States:	This product is on the TSCA inventory.
Australia:	This product is on the AICS inventory.
China:	This product is on the IECSC Inventory.
Japan:	This product is on the ENCS inventory.
Korea:	This product is listed on the Existing Chemicals List (ECL).
Taiwan	This product is listed on the National Existing Chemical Substance Inventory (NECSI)
Philippines:	This product is on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).

SECTION 16 - OTHER INFORMATION

NFPA 704 Rating

Health	Flammability	Reactivity
0	1	0

HMIS Rating

Health	Flammability	Reactivity
0	1	0

Norac [®] TPSA 1504.0	Date of revision 13 March 2015 to update required SDS information
Prepared by Norac, Inc.	Previous revision 1405.0

DISCLAIMER OF LIABILITY

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