

**Product name: HYSTRENE® 9718 NF EXT PWD**

---

---

**1. PRODUCT AND COMPANY IDENTIFICATION**

---

**Product name:** HYSTRENE® 9718 NF EXT PWD**Chemical name:** Stearic acid**Supplier:** Crompton Corporation  
199 Benson Road  
Middlebury, CT 06749, USA**Emergency telephone number:** CHEMTREC (24 hours) 800-424-9300Crompton Corporation Emergency Response (24 hours)  
800-292-5898**For MSDS, Product Safety, or regulatory inquiries, call:** 866-430-2775**Customer Service:** 877-948-2660

---

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

---

COMPONENT	CAS#	CONCENTRATION
Octadecanoic acid	57-11-4	100.0 %

---

---

**3. HAZARDS IDENTIFICATION**

---

**EMERGENCY OVERVIEW****CAUTION!**

USUAL HAZARDS ASSOCIATED WITH ORGANIC DUSTS. THE POSSIBILITY OF EXPLOSION 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.

---

**4. FIRST AID MEASURES**

---

**Swallowing**

No emergency care anticipated.

**Skin**

Wash skin with soap and water.

**Product name: HYSTRENE® 9718 NF EXT PWD**

---

**Inhalation**

Remove to fresh air.

**Eye contact**

Flush eyes thoroughly with water for several minutes. Obtain medical attention if discomfort persists.

---

**5. FIRE-FIGHTING MEASURES**

---

**Flash point:** 202 °C (395 °F)**Autoignition temperature:** Not determined**Special fire fighting procedures**

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 firefighters**

Firefighters must be equipped to prevent breathing of vapors or products of combustion. Wear an approved self-contained breathing apparatus and protective clothing.

**Extinguishing media**

**Suitable:** Extinguish with:

- dry chemical
- water spray
- CO2
- foam

---

**6. ACCIDENTAL RELEASE MEASURES**

---

**Environmental precautions**

This product is insoluble in water and will float on the surface.

**Methods for cleaning up**

Avoid dispersion of dust.

Eliminate sources of ignition.

Sweep up and collect in a suitable container for disposal.

Sweep up using non-sparking equipment.

Observe government regulations.

---

**7. HANDLING AND STORAGE**

---

**HANDLING****Handling precautions**

Avoid breathing dust. Avoid dispersion of dust to reduce fire and explosion potential.

**Product name: HYSTRENE® 9718 NF EXT PWD****STORAGE****Storage requirements**

Store at ambient temperature. Repair all broken bags immediately.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****PERSONAL PROTECTION****Respiratory protection**

Use NIOSH/MSMA certified dust mask and/or respirator where appropriate.

**Hand protection / protective gloves**

Neoprene

**Eye protection**

Monogoggles

**Skin protection**

Rubber or plastic apron

**ENGINEERING CONTROLS****Ventilation**

Adequate ventilation to keep dust level below TLV.

**EXPOSURE LIMITS**

<u>Component</u>	<u>Type</u>	<u>Value</u>	<u>Remark</u>
Particulates not otherwise regulated	TWA, OSHA	15.0 mg/m <sup>3</sup>	Total dust
	TWA, OSHA	5.0 mg/m <sup>3</sup>	Respirable fraction
	TWA - ACGIH	10.0 mg/m <sup>3</sup>	Total inhalable dust
	TWA - ACGIH	3.0 mg/m <sup>3</sup>	Respirable fraction
<u>Component</u>	<u>Type</u>	<u>Value</u>	<u>Remark</u>
Octadecanoic acid	PEL, OSHA	5.0 mg/m <sup>3</sup>	Respirable dust
	PEL, OSHA	15.0 mg/m <sup>3</sup>	Total dust
	TWA, ACGIH	10.0 mg/m <sup>3</sup>	Total dust for nuisance particulates

**9. PHYSICAL AND CHEMICAL PROPERTIES****APPEARANCE**

<b>Physical state</b>	Powder
<b>Color</b>	Off-white
<b>Odor</b>	Slight fatty

**Product name: HYSTRENE® 9718 NF EXT PWD**

---

**OTHER PROPERTIES**

<b>Boiling point</b>	> 315 °C (> 600 °C) at STP unless specified below.
<b>Melting point</b>	67 °C (153 °F) at STP unless specified below.
<b>Density</b>	~ 0.88 g/cm <sup>3</sup> at 25 °C
<b>Vapor pressure</b>	Not volatile
<b>Vapor density (air=1)</b>	Non Volatile
<b>Solubility in water</b>	Insoluble
<b>Partitioning coefficient</b>	Not determined
<b>Flash point</b>	202 °C (395 °F) Method: Cleveland open cup ASTM D 92
<b>Autoignition temperature</b>	Not determined
<b>Percent volatiles</b>	0 %(m)

---

**10. STABILITY AND REACTIVITY**

---

**Stability:** Stable.**Stability - Conditions to avoid**

Stable under normal conditions.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous combustion products**

Carbon monoxide.

Carbon dioxide.

**Hazardous polymerization:** Will not occur.

---

**11. TOXICOLOGICAL INFORMATION**

---

**GENERAL**

No information available.

**SWALLOWING****Acute effects**

Low acute toxicity.

**SKIN ABSORPTION****Acute effects**

Low acute toxicity.

---

**Product name: HYSTRENE® 9718 NF EXT PWD**

---

**INHALATION****Acute effects**

Dust may cause irritation of the respiratory tract.

**SKIN CONTACT****Acute effects**

May cause slight irritation.

**EYE CONTACT****Acute effects**

May cause slight irritation.

---

**12. ECOLOGICAL INFORMATION**

---

Not expected to be acutely toxic to aquatic organisms.

---

**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**

Subject completely emptied paper bags to paper recycling.

---

**14. TRANSPORT INFORMATION**

---

**DOT Classification**

This product is not regulated by DOT.

**IMDG Classification**

This product is not regulated by IMDG.

**ICAO Classification**

This product is not regulated by ICAO.

---

**15. REGULATORY INFORMATION**

---

**Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40CFR302.4.**

Components present in this product at a level which could require reporting under the statute are:

\*\*\*\* NONE \*\*\*\*

**Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (RQ's) in 40CFR355 (used for SARA 302 and 304).**

**Product name: HYSTRENE® 9718 NF EXT PWD**

Components present in this product at a level which could require reporting under the statute are:

None.

**Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40CFR372 (for SARA 313). This information must be included in MSDS's that are copied and distributed for this material.**

Components present in this product at a level which could require reporting under the statute are:

None.

**Pennsylvania Right-To-Know Hazardous Substance List--Hazardous Substances and Special Hazardous Substances on the list must be identified when present in products.**

Components present in this product at a level which could require reporting under the statute are:

None.

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

**Chemical name**

**CAS#**

**New Jersey TS Number**

Octadecanoic acid

57-11-4

\*\* FOR EXTERNAL

USE ONLY \*\*

**EPA Hazard Categories (SARA 311, 312):** None

## CHEMICAL INVENTORY

Canada: This product is on the DSL.

Europe: This product is on the EINECS inventory.  
200-313-4

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).

Philippines: This product, or the components, is listed or exempt from listing on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).

## 16. OTHER INFORMATION

### HMIS RATING

Health: 1	Flammability: 1	Reactivity: 0	PPI: -
-----------	-----------------	---------------	--------

### LEGEND

STP	Standard temperature and pressure
W/W	Weight/Weight
0 (HMIS)	Minimal hazard



# MATERIAL SAFETY DATA SHEET

Revision: 1.5

01/27/2004

Page: 7 of 7

**Product name: HYSTRENE® 9718 NF EXT PWD**

---

1 (HMIS)	Slight hazard
2 (HMIS)	Moderate hazard
3 (HMIS)	Serious hazard
4 (HMIS)	Severe hazard
X (HMIS)	Personal protection rating to be supplied by user depending on use conditions

Copyright 2004 Crompton Corporation

The opinions expressed herein are those of qualified experts within Crompton Corporation. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of Crompton Corporation, it is the user's obligation to determine the conditions of safe use of the products.