



SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Arizona Chemical Company
P.O. Box 550850
Jacksonville, FL 32255

24 Hour Emergency Assistance:
Chemtrec: 800/424-9300
Other Information: 800/733-1374

Product Name: CENWAX® G

Chemical Identity: Castor Oil, Hydrogenated; Mainly 12-Hydroxystearic Acid Triglycerides.

Chemical Family: Vegetable Oils

CAS Number: 8001-78-3

SECTION 2 COMPOSITION/INFORMATION OF INGREDIENTS

	ACGIH TLV	OSHA PEL
Exposure limit for total product	Not established	Not established

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Off white waxy flakes with a mild fatty acid odor.

According to Arizona Chemical Company's interpretation of the OSHA Hazard Communication Standard, this is not a hazardous material.

POTENTIAL HEALTH EFFECTS:

EYE: Direct contact can cause mechanical irritation.

SKIN: Prolonged or repeated contact may cause very mild irritation.

INHALATION: Based on experience, no effects are expected. As good industrial hygiene practice, avoid breathing vapor from the heated product.

INGESTION: Not a probable route of entry into the body.

SUBCHRONIC EFFECTS (Target Organ Effects): No effects known.

CHRONIC EFFECTS: No known effects.

SECTION 4 FIRST AID MEASURES

EYE CONTACT: In case of contact, immediately flush eyes with plenty of water. Call a physician if signs of irritation appear.

SKIN CONTACT: As good industrial hygiene practice, at the end of each work shift, wash skin with plenty of soap and water.

INHALATION: Remove to fresh air if effects occur from inhalation of vapors from the heated product.

INGESTION: Emergency care should not be needed.

SECTION 5 FIRE FIGHTING MEASURES

Flash point: 585°F (Cleveland Open Cup)

Upper/lower flammable limits: Unknown

Autoignition temperature: Unknown

Flammability classification: Non-hazardous

Flame propagation rate: Not applicable

Extinguishing media: Water fog, foam, carbon dioxide or dry chemical.

Special precautions: Toxic gases such as carbon monoxide may be released during fire. Use positive-pressure, self-contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion

Hazards: None known to Arizona Chemical Company.

SECTION 6 ACCIDENTAL RELEASE MEASURES

In a clean area, recover for reuse. Dispose of contaminated material.

SECTION 7 HANDLING AND STORAGE

Use adequate ventilation. Wash thoroughly after handling.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EYES: Use safety glasses. An eye wash is recommended.

SKIN: As good industrial hygiene practice, impervious (for example, nitrile) gloves are recommended.

INHALATION: For normal operations, no respiratory protection is required. An air purifying respirator designed for organic vapors should provide adequate protection when handling the heated product.

ENGINEERING CONTROLS: For the product at ambient temperatures, use adequate ventilation. For the heated product, use exhaust ventilation to remove vapor.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/state: Off white waxy flakes
Odor: Mild fatty acid
Ph: Not applicable
Vapor Pressure: <0.001 mm Hg at 20°C (68°F)
Vapor density: Not applicable
Boiling point: Not applicable
Melting point: 88°C
Solubility in water: <0.1% at 25°C (77°F)
Specific gravity: 0.90 at 93°C/16°C (water=1.00)
Evaporation rate: Approx. 0 (n-BuAc=1)
% Volatile by weight: 0

SECTION 10 STABILITY AND REACTIVITY

Chemical stability: Stable

Conditions to avoid: This product is not reactive with water.

Chemicals to avoid: None known.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Thermal decomposition products can include toxic oxides of carbon.

SECTION 11 TOXICOLOGICAL INFORMATION

The total product is not on the International Agency for Research on Cancer (IARC) or National Toxicology Program (NTP) or OSHA lists of carcinogens or potential carcinogens.

TOXICITY DATA: The following data on test animals indicate that chemically similar products have low acute toxicity potential.

ROUTE-SPECIES	TEST	DOSAGE	UNITS	IRRITATION DATA
Oral-rat	LD50	>10	g/kg	No data available

OTHER: None known to Arizona Chemical Company.

SECTION 12 ECOLOGICAL INFORMATION

There is no data available.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of waste by landfill or incineration in accordance with all local, state and federal regulations.

Resource Conservation and Recovery Act (RCRA): This product is not included in the lists of hazardous substances (40 CFR 261.33), nor does it exhibit the characteristics of hazardous waste (40 CFR 261.20-24).

SECTION 14 TRANSPORT INFORMATION

DOT - Department of Transportation Hazardous Materials Regulations

DOT Hazard Class: Not applicable
DOT Proper Shipping Name: Not applicable
Technical Name: Not applicable
DOT Identification Number: Not applicable
Surface Freight Classification: Hydrogenated Castor Oil

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SECTION 15 REGULATORY INFORMATION
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Toxic Substances Control Act (TSCA): This product is in the TSCA Inventory under CAS Number 8001-78-3.

SARA, Title III, Section 313 (40 CFR 372): This product contains the following substances at a level which is reportable under SARA Toxic Chemical Release Reporting Regulations:

<u>Chemical Name</u>	<u>CAS #</u>	<u>Wt%</u>
None		

SARA 311/312 Hazard Categories: This product has the following hazard categories: None.

New Jersey Worker and Community Right To Know Act: This product contains the following top five ingredients:

<u>Chemical Name</u>	<u>CAS or NJTS #</u>	<u>Wt%</u>
Castor oil, hydrogenated.	8001-78-3	100

Pennsylvania Worker and Community Right To Know Act: This product contains the following substances which appear on the Hazardous Substance List at a level which requires notification under the Act:

<u>Chemical Name</u>	<u>CAS #</u>	<u>Wt%</u>
None		

WHMIS (Canada) Status: This is not a controlled product under WHMIS.

International Inventory Status: This product is either listed or exempt from listing on the following inventories: Canada DSL, Europe EINECS, Japan ENCS, Korea ECL, Australia AICS, China IECS and Philippines PICCS.

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SECTION 16 OTHER INFORMATION
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Hazard Ratings: NFPA 1 Health 1 Fire 0 Reactivity

Revision Note: Revision 8. Revised Section 15.

Prepared by: L.M. Krzywanska

Title: Product Regulatory Technologist

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END MSDS