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 * M S D S *
 *
 * Canadian Centre for Occupational Health and Safety *
 * * * * * (February, 2002) *

*** IDENTIFICATION ***

MSDS RECORD NUMBER : 2969354
 PRODUCT NAME(S) : Cooking Oil
 PRODUCT IDENTIFICATION : Key: 881806-9
 Product code: 881806-9
 CURRENCY NOTE : This MSDS was provided to CCOHS in electronic form on
 2001-12-14

*** SUPPLIER/DISTRIBUTOR INFORMATION ***

SUPPLIER/DISTRIBUTOR : Rohm and Haas Company
 ADDRESS : 100 Independence Mall West
 Philadelphia Pennsylvania
 U.S.A. 19106-2399
 EMERGENCY TELEPHONE NO. : 215-592-3000 (HEALTH)
 215-592-3000 (SPILL)
 800-424-9300 (CHEMTREC)

*** MATERIAL SAFETY DATA ***

RESEARCH HAZARD INFORMATION SHEET
 Rohm and Haas Company

ATTENTION: Class III RHIS

 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Cooking Oil

Product Code : NONE MSDS Date : 02/26/93
 Key : 881806-9

COMPANY IDENTIFICATION

EMERGENCY TELEPHONE NUMBERS

Corporate Research division	HEALTH EMERGENCY	: 215-592-3000
Rohm and Haas Company	SPILL EMERGENCY	: 215-592-3000
100 Independence Mall West	CHEMTREC	: 800-424-9300
Philadelphia, Pa 19106-2399		

 2. COMPOSITION/INFORMATION ON INGREDIENTS.

No		CAS REG NO	WEIGHT (%)
1	Vegetable oils	68956-68-3	100

See Section 8, Exposure Controls / Personal Protection

 3. HAZARDS IDENTIFICATION

Primary Routes of Exposure

Skin Contact
 Eye Contact

Inhalation

Inhalation of vapor or mist caused during heating and processing can cause the following:

- irritation of nose, throat, and lungs

Eye Contact

Material can cause the following:

- possible irritation

Skin Contact

Prolonged or repeated skin contact can cause the following:

- irritation in sensitive individuals

4. First Aid Measures

Eye Contact

Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.

Skin Contact

Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists. Wash contaminated clothing thoroughly before reuse.

Ingestion

If swallowed, give 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Consult a physician.

5. FIRE FIGHTING MEASURES

Flash Point	230 deg C/446 deg F Estimate
Auto-ignition Temperature	No Data
Lower Explosive Limit	Not Applicable
Upper Explosive Limit	Not Applicable

Unusual Hazards

Material will easily ignite at or above the flash point.

Extinguishing Agents

Use the following extinguishing media when fighting fires involving this material:

- carbon dioxide - foam - dry chemical

Personal Protective Equipment

Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

Special Procedures

DO NOT use a solid stream of water. A solid stream of water can spread fire. Use water spray to cool containers exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection

None required under normal operating conditions. The ventilation system Engineering Controls (Ventilation)
 - Butyl/Neoprene rubber protection:
 The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection:
 Hand Protection

Use chemical splash goggles (ANSI Z87.1 or approved equivalent).
 Eye Protection
 None required under normal operating conditions. A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Where misting may occur, wear a MSHA/NIOSH approved (or equivalent) half-mask, dust/mist air purifying respirator. Air-purifying respirators should be equipped with organic vapor cartridges.
 Respiratory Protection

No	CAS REG NO WEIGHT (%)	ACGIH	OSHA		ROHM AND HAAS		Units	mg/m3	Product:	Oil mist
			STEL	TWA	STEL	TWA				
1	68956-68-3 100	None	None	None	None	None	None	None	Vegetable oils	a

Exposure Limit Information

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Vapors can be evolved when material is heated during processing operations. See Section 8, EXPOSURE CONTROLS/PERSONAL PROTECTION for types of ventilation required.

Handling Procedures

Material can burn; limit indoor storage to approved areas equipped with automatic sprinklers. Keep container tightly closed when not in use. For extended storage, this material should be stored at 4-5 deg C/40 deg F.

Storage Conditions

7. HANDLING AND STORAGE

Floor may be slippery; use care to avoid falling. Contain spills immediately with inert materials (e.g. sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. Flush cleaned area with water to a sewage treatment facility.

Procedures

Appropriate protective equipment must be worn when handling a spill of this material. See Section 8, EXPOSURE CONTROLS/PERSONAL PROTECTION for recommendations. If exposed to material during clean-up operations, see Section 4, FIRST AID MEASURES for actions to follow.

employed is dependent on the user's specific application of this material. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

Other Protective Equipment

Facilities storing or utilizing this material should be equipped with an eyewash facility.

9. PHYSICAL AND CHEMICAL PROPERTIES

Colorless to yellow

State Liquid

Odor characteristic Mild odor

Viscosity 600 to 800 CPS

Specific Gravity (Water = 1) 0.9 to 1 Approximate

Vapor Density (Air = 1) Not Applicable

Vapor Pressure Negligible

Melting Point -10 deg to -18 deg C/14 deg to 0 deg F Estimate

Boiling Point 250 deg C/482 deg F Estimate

Solubility in Water Slightly soluble

Percent Volatility 0% No Data

Evaporation Rate (Bac = 1) Not Applicable

See Section 5, Fire Fighting Measures

10. STABILITY AND REACTIVITY

Instability

This material is considered stable. However, avoid contact with ignition sources (e.g. sparks, open flame, heated surfaces).

Hazardous Decomposition Products

There are no known hazardous decomposition products for this material.

Hazardous Polymerization

Product will not undergo polymerization.

Incompatibility

Avoid contact with the following:
- amines - bases - inorganic acids - alkanolamines

11. TOXICOLOGICAL INFORMATION

Acute Data

No toxicity data are available for this material.

12. ECOLOGICAL INFORMATION

No Applicable Data

13. DISPOSAL CONSIDERATIONS

Procedure

Dispose of material as ordinary trash.

14. TRANSPORT INFORMATION

US DOT Hazard Class NONREGULATED

15. REGULATORY INFORMATION

Workplace Classification

This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

This product is not a 'controlled product' under the Canadian Workplace Hazardous Materials Information System (WHMIS).

SARA TITLE 3: Section 311/312 Categorizations (40CFR 370)

This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA.

SARA TITLE 3: Section 313 Information (40CFR 372)

This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

CERCLA Information (40CFR 302.4)

Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

Waste Classification

When a decision is made to discard this material as supplied, it is classified as a RCRA non-hazardous waste.

United States

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

16. OTHER INFORMATION

Rohm and Haas Hazard Rating Scale	
Toxicity	0
Fire	1
Reactivity	0
Special	-
	1=SLIGHT
	2=MODERATE
	3=HIGH
	4=EXTREME
	0=INSIGNIFICANT

Ratings are based on Rohm and Haas guidelines, and are intended for internal use.

ABBREVIATIONS:

ACGIH = American Conference of Governmental Industrial Hygienists
OSHA = Occupational Safety and Health Administration

TLV = Threshold Limit Value
 PEL = Permissible Exposure Limit
 TWA = Time Weighted Average
 STEL = Short-Term Exposure Limit
 BAC = Butyl acetate
 Bar denotes a revision from previous MSDS in this area.

The information contained herein relates only to the specific material identified. Rohm and Haas Company believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee, or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. Rohm and Haas Company urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.

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