



U. S. Department of Labor

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be consulted for specific requirements.

Identity (As Used on Label and List)

CAS#120962-03-0

CANOLA OIL

Section I – Manufacturer's Information

Manufacturer's Name

ARCHER DANIELS MIDLAND COMPANY

Emergency Telephone Number

217/424-5200

Address (Number, St, City, St & Zip)

4666 FARIES PARKWAY
DECATUR, IL 62525

Telephone Number for Information

217/424-5200

Date Prepared

JANUARY 2005

Section II – Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s)):

CANOLA OIL

OSHA PEL

15mg/m³ (Total particulate); 5 mg/m³ (Respirable particulate)
(pertains to mist only)

Other Limits Recommended % (optional)

N/A

NFPA Rating: HEALTH – 0; FLAMMABILITY – 1; REACTIVITY – 0

Section III – Physical/Chemical Characteristics

| | | | |
|--------------------------------|-----------|--|----------------------|
| Boiling Point | N/A | Specific Gravity (H₂O=1) | 0.914 - 0.920 |
| Vapor Pressure (mm Hg.) | N/A | Melting Point | NIL |
| Vapor Density (AIR=1) | N/A | Evaporation Rate (Butyl Acetate=1) | NIL |
| Solubility in Water: | INSOLUBLE | Appearance and Odor: | LIGHT YELLOW - BLAND |

Section IV – Fire and Explosion Hazard Data

Flash Point (method used)

610°F (CLOSED CUP)

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media: DRY CHEMICAL OR FOAM

Special Fire Fighting Procedures:

NONE

Unusual Fire and Explosion Hazards:

NONE

Section V – Reactivity Data

| | | | |
|-------------------------|------------------------|-----------------------------------|--------------------|
| Stability N/A | Unstable N/A | Conditions to avoid N/A | Stable X |
|-------------------------|------------------------|-----------------------------------|--------------------|

Incompatibility (Materials to avoid): OXIDIZING AGENTS

Hazardous Decomposition or Byproducts

| | | | |
|---------------------------------------|------------------------|----------------------------------|-----------------------------|
| Hazardous polymerization - N/A | May occur – N/A | Conditions to avoid – N/A | Will not occur – N/A |
|---------------------------------------|------------------------|----------------------------------|-----------------------------|

Section VI – Health Hazard Data

| | | | |
|---------------------------|---------------------------|---------------------|--------------------------|
| Route(s) of entry: | Inhalation? YES | Skin? YES | Ingestion? YES |
|---------------------------|---------------------------|---------------------|--------------------------|

Health Hazards (Acute and Chronic)

INGESTION: NONE, MATERIAL IS A FOOD. INHALATION: UNDER MUST CONDITIONS, NO SHORT TERM INHALATION LIMITS. SKIN/EYE: FLUSH AND RINSE, PARTICULARLY FOR EYE CONTACT. NO SIGNIFICANT SKIN REACTION EXPECTED.

| | | | |
|-------------------------------|--------------------|--------------------------------|-------------------------------|
| Carcinogenicity: NO | NTP? N/A | IARC Monographs? N/A | OSHA regulated? N/A |
|-------------------------------|--------------------|--------------------------------|-------------------------------|

| | |
|--|---|
| Signs and Symptoms of Exposure N/A | Medical conditions generally aggravated by exposure N/A |
|--|---|

Emergency and first aid procedures:

EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES

Section VII – Precautions for Safe Handling and Use**Steps to be taken in case material is released or spilled**

CONTAIN SPILLS AND PICK UP – USE SAND OR ABSORBENT MATERIALS; AVOID LOSSES TO WATERWAYS.

Waste Disposal Method

REVIEW LOCAL REGULATIONS BEFORE CLEANED UP MATERIALS ARE INTRODUCED INTO SEWER SYSTEMS OR WASTE TREATMENT SYSTEMS.

Precautions to be taken in handling and storing

AVOID EXCESSIVE HEAT IN STORAGE TO MAINTAIN PRODUCT QUALITY.

Other Precautions

SOILED RAGS OR ABSORBENT MATERIALS SHOULD NOT BE KEPT UNDER HIGH TEMPERATURE, CLOSED CONDITIONS IN THE PRESENCE OF OXYGEN.

Section VIII – Control Measures

| | | | | |
|---|------------------------------------|---------------------|---------------------------------|---|
| Respiratory Protection (Specify Type) NONE | | | Ventilation N/A | Local Exhaust NOT REQUIRED |
| Special N/A | Mechanical (General) N/A | Other N/A | Protective Gloves N/A | Eye Protection SAFETY GLASSES |
| Other protective clothing or equipment NONE | | | | Work/Hygienic Practices N/A |