



CHEMICAL ASSOCIATES
1270 South Cleveland-Massillon Road
Building B
Copley, OH 44321-1683

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE: 800-347-2891
MSDS REFERENCE: CA0172

CHEMTREC: 800-424-9300

SECTION I - IDENTIFICATION

PRODUCT: CA0172 HYDROGENATED SOYA GLYCERIDE, 2 IV
SYNONYMS: HYDROGENATED SOYBEAN OIL
CHEMICAL: SATURATED TRIGLYCERIDE
CAS NO: 68334-28-1
SARA HAZARD: NONE NOTED (SECTION 311/312)
TITLE III SECTION 313 NOT LISTED

SECTION II - INGREDIENTS AND HAZARD CLASSIFICATION

| COMPOSITION | % | PEL/TLV | HAZARD |
|------------------------|----------|----------------|---------------|
| SATURATED TRIGLYCERIDE | 99 + | NONE/NONE | NONE NOTED |

SECTION III - HEALTH INFORMATION

INHALATION: NOT APPLICABLE.
INGESTION: HARMLESS. THE MATERIAL IS EDIBLE.
EYE CONTACT: UNCTIOUS UNLESS HOT.
SKIN CONTACT: HARMLESS UNLESS HOT.

SECTION IV - OCCUPATIONAL EXPOSURE LIMITS

PEL: NONE ESTABLISHED
TLV: NONE ESTABLISHED

SECTION V - EMERGENCY FIRST AID PROCEDURE

INGESTION: PRODUCT IS USED AS A DIETARY FAT.
INHALATION: NOT APPLICABLE EXCEPT AS A POSSIBLE DUST IRRITANT.
EYE CONTACT: IMMEDIATELY FLUSH EYES WITH REGULAR TAP WATER OR

PHYSIOLOGICAL SALINE.

SKIN CONTACT: WASH AFFECTED AREA WITH WATER AND SOAP IF NEED IS FELT.
HOT OIL CAN BURN SKIN. TREAT AS A BURN.

SECTION VI - PHYSICAL DATA

BOILING POINT: NOT APPLICABLE.
MELTING POINT: 155 F (68 C) TYPICAL
VAPOR PRESSURE: NEGLIBLE
SPECIFIC GRAVITY: 0.85 @ 75 C
SOLUBILITY: COMPLETE IN OILS OR SOLVENTS FOR FATS
APPEARANCE AND COLOR: WHITE SOLID THAT MELTS TO AN OILY LIQUID WITH A MILD CHARACTERISTIC ODOR.

SECTION VII - FIRE AND EXPLOSION HAZARDS

FLASH POINT (TEST METHOD): AM OIL CHEMIST SOCIETY Cc 9B-55
> 500 DEG F
FLAMMABLE LIMITS IN AIR, % BY VOL. LOWER: NOT APPLICABLE
FLAMMABLE LIMITS IN AIR, % BY VOL. UPPER: NOT APPLICABLE
NFPA RATING: HEALTH: (0) FIRE: (1) REACTIVITY: (0)
HMIS RATING: HEALTH: (0) FIRE: (1) REACTIVITY: (0)

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS:

USE CARBON DIOXIDE, FIRE EXTINGUISHING POWDER OR FOAM. USE THE SAME PROCEDURES AS IN CASE OF FIRE IN MELTED FAT. APPLY AROUND BURNING AREA AND THEN DIRECTLY AT THE FLAME.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE

SECTION VIII - REACTIVITY

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: NONE
CONDITIONS AND MATERIALS TO AVOID: NONE KNOWN. HOT OIL IN EXCESS OF 200 DEG F SHOULD NOT BE ADDED TO WATER.
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

SECTION IX - EMPLOYEE PROTECTION

CONTROL MEASURES:
NONE

RESPIRATORY PROTECTION:
NORMAL VENTILATION AT WORK PLACE.

PROTECTIVE CLOTHING:
NOT NEEDED UNLESS THERE IS A DANGER OF SPLASHING HOT OIL.

EYE PROTECTION:

NOT NEEDED UNLESS THERE IS A DANGER OF SPLASHING HOT OIL, THEN USE GOGGLES. CHEMICAL SAFETY GOGGLES MEETING THE SPECIFICATIONS OF ANSI STANDARD Z87.1 SHOULD BE WORN WHENEVER THERE IS THE POSSIBILITY OF SPLASHING OR OTHER CONTACT WITH THE EYES.

SECTION X - ENVIRONMENTAL PROTECTION

ENVIRONMENTAL PRECAUTIONS:

NONE NOTED.

SPILL OR LEAK PRECAUTIONS:

ABSORB SPILL IN A POROUS MATERIAL, OR WIPE IT UP. WASH THE CONTAMINATED AREA WITH WATER AND DETERGENT AS NEEDED. SLIPPING IS A HAZARD, ALLOW MATERIAL TO HARDEN THEN SHOVEL IT UP.

WASTE DISPOSAL:

SMALL QUANTITIES ARE DISPOSED OF LIKE DOMESTIC REFUSE. GREATER QUANTITIES MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS.

SECTION XI - REGULATORY CONTROLS

DEPARTMENT OF TRANSPORTATION:

DOT CLASSIFICATION: NOT REGULATED

DOT PROPER SHIPPING NAME:

OTHER DOT INFORMATION:

OTHER REGULATORY REQUIREMENTS:

LISTED IN TSCA INVENTORY

CERCLA HAZARDOUS MATERIALS:

NONE NOTED

SECTION XII - PRECAUTIONS: HANDLING, STORAGE AND USAGE

CLEAN UP SPILLS TO AVOID SLIPPING. AVOID SPLASHING OF HOT FAT. DO NOT ADD WATER TO HOT FAT ABOVE 200 DEG F. AVOID OVERHEATING ABOVE 400 DEG F WITH AN OPEN FLAME. CAN STORE AT ROOM TEMPERATURE, BUT HOLD AT 170 DEG F TO PUMP.

The information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which Chemical Associates bears responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

CHEMICAL ASSOCIATES

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DATE: 09/16/10
SUPERSEDES: 08/26/07