

Sartomer USA, LLC

Material Safety Data Sheet

Product: SAR-GEL[®]
MSDS ID: D-003171

Revised Date: 01-04-2011

01. GENERAL INFORMATION

Sartomer USA, LLC
Oaklands Corporate Center
502 Thomas Jones Way
Exton, Pennsylvania 19341

Emergency phone number:
800/424-9300 (CHEMTREC)

Product information:
610/363-4100

TRADE NAME
Sar-gel

GENERIC NAME
Water/Phase Separation Indicating Paste

DOT PROPER SHIPPING NAME

N/AP

DOT HAZARD CLASS

Not regulated

UN/NA NUMBER

N/AP

02. SUMMARY OF HAZARDS

DANGER

PHYSICAL HAZARDS: None

ACUTE HEALTH EFFECTS:
(SHORT-TERM) Suspect eye corrosive hazard
Not a skin irritant based on available data
Not expected to be an inhalation hazard
Suspect slight skin absorption hazard
Suspect skin sensitization hazard
Suspect ingestion hazard; corrosive

CHRONIC HEALTH EFFECTS:
(LONG-TERM) No data are available on the chronic health effects
of this product. See section 13 of MSDS for
chronic data on mixture component(s).

03. COMPONENTS

COMPONENT NAME

CAS NUMBER

Inert ingredients

Proprietary

Calcium oxide

1305-78-8

Phenolphthalein

77-09-8

04. PHYSICAL AND CHEMICAL DATA

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BOILING POINT	pH
N/AP	GT 9.0
FREEZING POINT	DRY POINT
N/AP	N/AP
SPECIFIC GRAVITY (H2O=1 at 39.2F)	VOLATILE CHARACTERISTICS
AP 1.16	Negligible
VISCOSITY UNITS, TEMP.	SOLUBILITY IN WATER
N/AP	Appreciable
VAPOR PRESSURE	STABILITY
N/AP	Stable
VAPOR SP GR (AIR=1 at 60 - 90F)	HAZARDOUS POLYMERIZATION
N/AP	Not expected to occur

APPEARANCE AND ODOR

White/pink viscous paste with little or no odor

CONDITIONS AND MATERIALS TO AVOID

Protect against moisture contamination and exposure to high temperatures;
Keep tube tightly closed when not in use;
Avoid contact with: strong oxidizing agents, acids, inter-halogens, phosphorus
(V) oxide

HAZARDOUS DECOMPOSITION PRODUCTS

Acrid smoke-fumes/carbon monoxide/carbon dioxide and perhaps other toxic vapors may be released during a fire involving this product.
Small amounts of alkaline dust could also be released.

05. OCCUPATIONAL EXPOSURE LIMITS

SUBSTANCE	SOURCE	TYPE	VALUE	TIME
Calcium oxide	OSHA	PEL	5 mg/m3	8 hours
	ACGIH	TLV	2 mg/m3	8 hours

06. FIRE AND EXPLOSION

FLASH POINT METHOD=(TCC)	AUTOIGNITION TEMP. METHOD=
GT 110C/230F	N/DA

FLAMMABLE LIMITS (% VOLUME IN AIR)
LOWER: N/DA UPPER: N/DA

FIRE AND EXPLOSION HAZARDS

Do not throw into any fire; potentially combustible ingredients may ignite, causing fire to spread, increasing risk of burns/injuries.

EXTINGUISHING MEDIA

Dry chemical
CO2
Water spray
Water fog

SPECIAL FIREFIGHTING PROCEDURES

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No special procedures required. Fire should be extinguished as quickly as possible with any of the above recommended extinguishing media.

07. HEALTH HAZARDS

ROUTES OF EXPOSURE

INHALATION

Although no appropriate human or animal health effects data are known to exist, this material is not expected to be an inhalation hazard.

EYE CONTACT -- PRIMARY ROUTE

Although no appropriate human or animal health effects data are known to exist, this material is expected to be corrosive to the eyes.

May cause destruction of eye tissue.

Symptoms may include burning, tearing, redness, and swelling.

SKIN ABSORPTION

Although no appropriate human or animal health effects data are known to exist, this material is expected to be a slight skin absorption hazard.

Extensive/prolonged or repeated exposure to this material can result in significant absorption.

SKIN IRRITATION -- PRIMARY ROUTE

This material is not expected to cause skin irritation based on available test data.

INGESTION

Although no appropriate human or animal health effects data are known to exist, this material is expected to be an ingestion hazard.

Ingestion of this material may cause corrosion or irritation of the linings of the mouth, throat, and gastrointestinal tract.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

This material or its emissions may cause damage to kidney and liver and/or aggravate existing disorders.

08. PROTECTIVE EQUIPMENT / CONTROL MEASURES

RESPIRATORY PROTECTION

No special respiratory protection equipment is recommended under anticipated conditions of normal use with adequate ventilation.

EYE PROTECTION

Eye protection including both chemical splash goggles and face shield must be worn when possibility exists for eye contact due to splashing/spraying liquid, airborne particles or vapor. Contact lenses must not be worn.

SKIN PROTECTION

Not expected to be a health hazard upon skin exposure. However, where use can result in skin contact, wear gloves and other protective clothing and practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work.

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ENGINEERING CONTROLS

No special ventilation is recommended under anticipated conditions of normal use beyond that needed for normal comfort control.

OTHER HYGIENIC PRACTICES

Not applicable.

OTHER WORK PRACTICES

No special work practices are needed beyond the above recommendations under anticipated conditions of normal use.

09. EMERGENCY AND FIRST AID

INHALATION

Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

EYE CONTACT

For even minor eye contact, immediately rinse with clean water for 20-30 minutes. Retract eyelids often. Obtain emergency medical attention. Prompt action is essential.

SKIN CONTACT

Not expected to present a significant skin hazard under anticipated conditions of normal use. However, if exposure occurs, wash skin thoroughly with mild soap and water.

INGESTION

Ingestion unlikely. However, if ingested, obtain emergency medical attention.

EMERGENCY MEDICAL TREATMENT PROCEDURES

Treat symptomatically.

10. SPILL AND DISPOSAL

PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED

No significant environmental hazard resulting from an accidental release of this material is anticipated. Wear appropriate personal protective equipment during cleanup of spilled material.

WASTE DISPOSAL METHODS

When discarded in its purchased form, this product is not a RCRA hazardous waste. However, it is the responsibility of the generator to determine at the time of disposal whether the product meets the criteria of a hazardous waste. Comply with all applicable federal, state and local regulations. Waste disposal options include landfilling solids at permitted sites. Use registered transporters.

11. ADDITIONAL PRECAUTIONS

HANDLING AND STORAGE PROCEDURES

Keep out of reach of children.

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Keep tube tightly closed when not in use. Protect against moisture contamination and exposure to high temperatures. Prevent contact with strong oxidizing agents.

Shelf life is one year from date of receipt.

DECONTAMINATION PROCEDURES

No special decontamination procedures needed.

12. LABEL INFORMATION

USE STATEMENT

FOR INDUSTRIAL USE ONLY

SIGNAL WORD

DANGER

HEALTH HAZARDS

MAY CAUSE EYE BURNS

MAY CAUSE ALLERGIC SKIN REACTION

MAY CAUSE BURNS IF SWALLOWED

CONTAINS PHENOLPHTHALEIN WHICH MAY CAUSE CANCER BASED ON ANIMAL DATA

PRECAUTIONARY MEASURES

DO NOT GET IN EYES.

WASH THOROUGHLY AFTER HANDLING.

KEEP CONTAINER CLOSED WHEN NOT IN USE.

AVOID EXPOSURE TO HIGH TEMPERATURES.

PROTECT AGAINST MOISTURE CONTAMINATION.

KEEP OUT OF REACH OF CHILDREN.

NOT FOR INTERNAL CONSUMPTION/DO NOT TASTE OR SWALLOW.

BEFORE USING PRODUCT, READ MATERIAL SAFETY DATA SHEET (MSDS).

13. SUPPLEMENT

HMIS RATING

Health	3*
Flammability	1
Physical Hazards	1

CHRONIC HEALTH EFFECTS INFORMATION:

There are no chronic health effects data for this product as a whole; however, there is information on one or more of its components.

Phenolphthalein: listed by the National Toxicology Program (NTP) as a substance reasonably anticipated to cause cancer based on animal data. The International Agency for the Research on Cancer (IARC) has classified it as a Group 2B substance (possibly carcinogenic to humans). Negative in the Ames assay for mutagenicity, but positive results were seen in in-vitro and in-vivo mammalian tests.

REGULATORY INFORMATION

TSCA status:

TSCA status: All components of this product are listed, or excluded from

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listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

TSCA Section 12(b):

TSCA Section 12(b) - Export Notification: This product does not contain any chemicals at concentrations subject to Section 12(b) export notification.

California Proposition 65 Information:

This product contains the following substance known to the state of California to cause cancer:

phenolphthalein

INTERNATIONAL STATUS

Australia (AICS):	included on inventory
Canada (DSL):	included on inventory
China (IECSC):	included on inventory
Europe (EINECS):	NLP; EINECS
Japan (ENCS):	included on inventory
Korea (ECL):	included on inventory
New Zealand (NZIoC):	included on inventory
Philippines (PICCS):	included on inventory
Switzerland:	included on inventory

*Note - qualifiers and codes used in this MSDS

EQ = Equal; AP = Approximately; LT = Less Than; GT = Greater Than;
TR = Trace; UK = Unknown; N/AP = Not Applicable; N/P = No Applicable
Information Found; N/DA = No Data Available

14. DISCLAIMERS

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable. This MSDS has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

