

010 02/09/04 SAG 730 FOAM CONTROL AGENT

PRODUCT IDENTIFICATION

PRODUCT NAME: SAG 730 FOAM CONTROL AGENT

MSDS#: P10774VS

DATE ISSUED: 01/09/04

SUPERSEDES: 07/26/03

ISSUED BY: 009053

MATERIAL SAFETY DATA SHEET

Revision: 1.1

01/09/2004

Product name: SAG(R) 730 foam control agent

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: SAG(R) 730 foam control agent
Chemical name: Polydimethylsiloxane emulsion
Supplier: GE Silicones
3500 South State Route 2
Friendly, WV 26146, USA

Contact numbers: CHEMTREC (24 hours): 800-424-9300
GE Silicones Emergency Response (24 hours): 800-809-9998
GE Silicones Emergency Response (24 hours): 304-926-8418
For Product Safety Inquiries: 304-652-8446
For MSDS only: 304-652-8155
Customer Service: 800-523-5862

2. COMPOSITION / INFORMATION ON INGREDIENTS

Table with 3 columns: COMPONENT, CAS#, CONCENTRATION. Rows include Water, Silica filled polydimethylsiloxane, and Proprietary additives.

Note(s): See Section 15 for chemicals appearing on Federal or State Right-To-Know lists.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
NORMAL PRECAUTIONS COMMON TO SAFE MANUFACTURING PRACTICE SHOULD BE FOLLOWED IN HANDLING AND STORAGE.

4. FIRST AID MEASURES

Swallowing
No emergency care anticipated.
Skin
Wash skin with soap and water.

Inhalation
No emergency care anticipated.

Eye contact
Product name: SAG(R) 730 foam control agent
Flush eyes thoroughly with water for several minutes.

Notes to physician

Toxicology studies have shown this material to be of very low acute toxicity. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE-FIGHTING MEASURES

Flammable limits

Lower limit: Not available

Upper limit: Not available

Special fire fighting procedures

None.

Special protective equipment for firefighters

Use self-contained breathing apparatus when fighting fires in enclosed areas.

Extinguishing media

Suitable:

Non-flammable (aqueous solution).

After water evaporates, the remaining material will burn.

Large fires:

- alcohol-type foam or universal-type foams

Small fires:

- CO2

- dry chemical

Unsuitable: None.

Unusual fire and explosion hazards

This material may produce a floating fire hazard in extreme fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid contact with eyes and skin. Avoid contact with liquid and vapors.

Wear suitable protective equipment.

Environmental precautions

Prevent runoff.

Methods for cleaning up

Cover with absorbent or contain.

Collect for disposal.

Observe government regulations.

7. HANDLING AND STORAGE

HANDLING

Handling precautions

Avoid contact with eyes, skin and clothing. Do not breathe vapor, mist or aerosol. Use with adequate ventilation.

Wash thoroughly after handling.

STORAGE

Storage requirements

Store in a cool, dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTION

Respiratory protection

None expected to be needed.

Hand protection / protective gloves

Recommended order of use:

4H

Butyl

Neoprene

Nitrile (NBR)

PVC-coated

Eye protection

Safety glasses.

Other protective equipment

Eye bath

Safety shower

ENGINEERING CONTROLS

Ventilation

General (mechanical) room ventilation is expected to be satisfactory.

EXPOSURE LIMITS

No exposure limits have been established

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical state Liquid

Color Opaque white

Odor Mild

OTHER PROPERTIES

Boiling point > 100 C at STP unless specified below.

Mixture

Melting point 0 C at STP unless specified below.

(approximately)

pH Not available

Specific gravity (H₂O=1) 1.0070 at 25 C (1,013 hPa)

Vapor pressure < 26.6 hPa (20.00 mmHg) at 20 C

Vapor density (air=1) Heavier than air

Solubility in water Dispersible

Evaporation rate (Butyl < 1

Acetate=1)

Flash point None, Aqueous system

Upper explosion limits Not available

Lower explosion limits Not available

Percent volatiles Not determined

Molecular weight Mixture

10. STABILITY AND REACTIVITY

Stability:

Stable.

Stability - Conditions to avoid
None known.

Incompatible materials
None currently known.

Hazardous combustion products
After evaporation of water, residue can burn to produce:
Oxides of carbon.
Oxides of silicon.
Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract.

Hazardous polymerization: Will not occur.

Hazardous polymerization - Conditions to avoid
None known.

11. TOXICOLOGICAL INFORMATION

SWALLOWING

Acute effects
No evidence of harmful effects from available information.

SKIN ABSORPTION

Acute effects
No evidence of harmful effects from available information.

INHALATION

Acute effects
Short-term harmful health effects are not expected from vapor generated at ambient temperature.

SKIN CONTACT

Acute effects
No evidence of harmful effects from available information.

EYE CONTACT

Acute effects
No evidence of harmful effects from available information.
Medical conditions aggravated by overexposure
A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

Other effects of overexposure

No adverse effects anticipated from available information.

SIGNIFICANT DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH

No information relevant to human health hazard evaluation is currently available.

12. ECOLOGICAL INFORMATION

All available ecological data have been taken into account for the development of the hazard and precautionary information contained in this Safety Data Sheet.

13. DISPOSAL CONSIDERATIONS

General: Incinerate in a furnace where permitted under appropriate Federal, State, and local regulations.

14. TRANSPORT INFORMATION

DOT Classification

This product is not regulated by DOT.

Freight description road: SILICONES EMULSIONS, NOI, CONTAINING NOT LESS THAN 60% WATER

IMDG Classification

This product is not regulated by IMDG.

ICAO Classification

This product is not regulated by ICAO.

15. REGULATORY INFORMATION

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40CFR302.4. Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (RQ's) in 40CFR355 (used for SARA 302 and 304). Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40CFR372 (for SARA 313). This information must be included in MSDS's that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

Massachusetts Right-To-Know Substance List (MSL)--Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products. Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

Pennsylvania Right-To-Know Hazardous Substance List--Hazardous Substances and Special Hazardous Substances on the list must be identified when present in products. Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

New Jersey Worker and Community Right-To-Know Act (Labeling Requirements)

Chemical name CAS# New Jersey TS Number

Silica filled polydimethylsiloxane Trade secret NJ Reg# 26175-5458P

Water 7732-18-5

Ethoxylated Aryl Trade secret NJ Reg# 26175-5459P, -

5460P

EPA Hazard Categories (SARA 311,312): None

California Proposition 65

This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

California SCAQMD Rule 443.1 VOC's

Volatile Organic Components (VOC's) = Substances with vapor pressure of => 0.5 mmHg at 104'C (219.2F).

****NOT DETERMINED****

CHEMICAL INVENTORY

Canada:

The ingredients of this product are on the DSL.

Europe:

The ingredients of this mixture are on the EINECS inventory.

United States:

The components of this product are listed on the TSCA inventory or are exempt.

Australia:

This product, or the components, is listed or exempt from listing on the Australian Inventory of Chemical Substances (AICS).

Japan:

This product, or the components, is listed or exempt from listing on the Existing and New Chemical Substances (ENCS) list.

Korea:

This product is listed on the Existing Chemicals List (ECL).

Philippines:

This product, or the components, is listed or exempt from listing on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).

16. OTHER INFORMATION

RECOMMENDED USES AND RESTRICTIONS

Please consult the product and/or application information bulletins for this product.

HMIS RATING

Health: 0 Flammability: 0 Reactivity: 0 PPI: X

LEGEND

STP Standard temperature and pressure

W/W Weight/Weight

0 (HMIS) Minimal hazard

1 (HMIS) Slight hazard

2 (HMIS) Moderate hazard

3 (HMIS) Serious hazard

4 (HMIS) Severe hazard

X (HMIS) Personal protection rating to be supplied by user depending on use conditions

----- FOR ADDITIONAL INFORMATION -----

CONTACT: MSDS COORDINATOR UNIVAR USA INC.
DURING BUSINESS HOURS, PACIFIC TIME (425) 889-3400

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