

DEFOAMER 5729

Silicone free defoamer for

Latex

Introduction

Defoamer 5729 has been specially formulated for the latex industry. It emulsifies very easily in aqueous latex systems. Its defoaming action helps eliminate bubbles and achieve smooth latex films in dipped latex goods. It is silicone free and protein free. As the concentration is high, very small amounts are required in aqueous latex systems to get excellent defoaming action. Defoamer 5729 is an economical substitute for Freesil products

Recommended Dosage:

Recommended levels of addition vary from 0.05 phr to 1.0 phr by weight depending on various factors such as:

- Type of Latex
- Solids Content
- Surfactant type and concentration

Advantages:

- High concentration thus requiring low dosage
- Emulsifies easily in aqueous latex systems
- Minimal handling required during compounding process
- Can be used in natural and synthetic latex compounds
- Compatible with coagulants.
- 12 month shelf life
- Very stable during transportaion

* Defoamer 5729 is sensitive to temperature, handling and storage under certain conditions
Shelf life of the material is expected to be 12 months from date of manufacture under ideal storage conditions.

**Manufacturers
Chemicals**

Manufacturers Chemicals LLC, USA

info@rachanarubber.com

Indenting Agents & Stockists
RACHANA
Aqueous Dispersions
Latex Chemicals

433/2, Pune Nasik Road, Kasarwadi, Pune 411 034, INDIA
Telephone : +91-20-27125622, Mob : +91-8380095019

www.rachanarubber.com

MANUFACTURERS CHEMICALS, LLC
4325 OLD TASSO ROAD
CLEVELAND, TN 37312

PRODUCT SPECIFICATIONS SHEET

JULY 16, 2015

PRODUCT: DEFOAMER 5729

| TEST | DESCRIPTION | SPECIFICATIONS |
|----------|---------------------------|-------------------|
| MTM10.1B | VISC-BROOKFIELD #2, 60RPM | 250 TO 500 |
| MTM14.1A | EMULSIFICATION 1%, 25C | WHITE EMULSION |
| MTM6.7 | APPEARANCE | OPAQUE TAN LIQUID |

Material Safety Data Sheet

DEFOAMER 5729

SECTION I – CHEMICAL PRODUCT / COMPANY IDENTIFICATION

MANUFACTURER'S NAME: MANUFACTURERS CHEMICALS, LLC
MANUFACTURER'S ADDRESS: 4325 OLD TASSO ROAD | P.O. BOX 2788 CLEVELAND, TN 37312
EMERGENCY PHONE NUMBER ... 423-476-6666 OR CHEMTREC 800-424-9300
DATE PREPARED:..... MAY 7, 2008
REVISED DATE:..... SEPTEMBER 16, 2015
PRODUCT NAME:..... DEFOAMER 5729
CHEMICAL DESCRIPTION:..... PROPRIETARY BLEND OF MINERAL OIL, FUSED SILICA AND FATTY
ESTER
CAS #..... CHEMICAL BLEND
RECOMMENDED USE:..... DEFOAMING AGENT

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION:

EYE IRRITATION-CATEGORY2B
ASPIRATION HAZARD-CATEGORY 2

SIGNALWORD:

WARNING!

SYMBOL:



HAZARD STATEMENTS:

HEALTH :

MAY BE HARMFUL IF SWALLOWED AND ENTERS AIR WAYS. CAUSES EYE IRRITATION.

PRECAUTIONARY STATEMENTS:

PREVENTION :

WASH HANDS THOROUGHLYAFTERHANDLING.

RESPONSE:

IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO SO. CONTINUE RINSING. DO NOT INDUCE VOMITING.

STORAGE:

STORE LOCKED UP

DISPOSAL:

DISPOSE OF CONTENTS / CONTAINER TO AN APPROPRIATE TREATMENT AND DISPOSAL FACILITY IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS, AND PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL

SECTION III – COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Material Safety Data Sheet

DEFOAMER 5729

COMPONENT NAME

DISTILLATES (PETROLEUM)

% BY WEIGHT (OPTIONAL)

N.A.

* PROPRIETARY FORMULA

SECTION IV – FIRST AID MEASURES**EYES:**

IMMEDIATELY FLUSH EYES WITH CLEAN WATER FOR ATLEAST 15 MINUTES AND GET MEDICAL ATTENTION.

SKIN:

REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED SKIN AREAS WITH MILD SOAP AND WATER. IF SKIN IRRITATION IS SEVERE OR CONTINUES, GET MEDICAL ATTENTION. WASH CONTAMINATED CLOTHING BEFORE RE-WEARING. DISCARD CONTAMINATED SHOES.

INHALATION:

IF AFFECTED BY BREATHING VAPOR, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, GET MEDICAL ATTENTION.

INGESTION:

IF INGESTED, DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

SECTION V – FIRE FIGHT MEASURES**SUITABLE EXTINGUISHING MEDIA:**

WATER SPRAY OR MIST, CO₂, DRY CHEMICAL, FOAM.

FIRE FIGHTING PROCEDURES:

WATER SPRAY SHOULD BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

PRECAUTIONS FOR FIRE FIGHTING:

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

HAZARDOUS COMBUSTION PRODUCTS:

CARBON DIOXIDE, CARBON MONOXIDE, AND VARIOUS HYDROCARBONS MAY BE RELEASED DURING A FIRE.

SECTION VI – ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS / PROTECTIVE EQUIPMENT:**

REMOVE ALL UNNECESSARY PERSONNEL AND VENTILATE AREA. IF IRRITATING FUMES ARE PRESENT CONSIDER EVACUATION OF ENCLOSED AREAS AS FOR PERSONAL PROTECTIVE EQUIPMENT SEE SECTION 8.

ENVIRONMENTAL PRECAUTIONS:

KEEP RUN OFF OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.

METHODS FOR CLEANING UP:

Material Safety Data Sheet

DEFOAMER 5729

CONTAIN SPILL AND SALVAGE AS MUCH MATERIAL AS POSSIBLE BY PUMPING TO A SALVAGE TANK OR DRUM. PICK UP REMAINING MATERIAL WITH A SUITABLE ABSORBENT.

SECTION VII – HANDLING & STORAGE

PRECAUTIONS FOR SAFE HANDLING:

KEEP CONTAINER CLOSED WHEN NOT IN USE. WASH CONTAMINATED CLOTHING BEFORE RE-WEARING

WEAR CHEMICAL SPLASH GOGGLES. WEAR CHEMICAL RESISTANT GLOVES. PRODUCT WILL CAUSE FLOORS TO BECOME VERY SLIPPERY WHEN IT IS SPILLED ON THEM. AVOID BREATHING MISTS OR VAPORS. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. USE ONLY WITH ADEQUATE VENTILATION.

CONDITIONS FOR SAFE STORAGE:

STORE AT NORMAL TEMPERATURES AND CONDITIONS OF WAREHOUSING. KEEP CONTAINER TIGHTLY CLOSED AND STORED IN A WELL VENTILATED PLACE.

INCOMPATIBILITIES:

STRONG OXIDIZERS.

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS

| CHEMICAL NAME | EXPOSURE LIMIT / VALUE |
|-------------------------|------------------------|
| DISTILLATES (PETROLEUM) | 5 MG/M3 (OILMIST) |
| FUSED SILICA | 6 MG/M3 (DUST) |

APPROPRIATE ENGINEERING CONTROLS:

SAFETY SHOWER/EYE BATH. GOOD GENERAL VENTILATION SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS PRESENT.

PERSONAL PROTECTIVE EQUIPMENT

EYES:

CHEMICAL SPLASH GOGGLES.

SKIN:

WEAR CHEMICAL RESISTANT GLOVES, CLOTHING AND FOOTWEAR

RESPIRATORY:

IF AIR BORNE CONCENTRATION POSSESS A HEALTH HAZARD, BECOME IRRITATING, OR EXCEED RECOMMENDED LIMITS, USE AN OSHA APPROVED RESPIRATOR IN ACCORDANCE WITH OSHA'S RESPIRATORY PROTECTION REQUIREMENTS UNDER 29 CFR 1910.134.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: OPAQUE TAN LIQUID

Material Safety Data Sheet

DEFOAMER 5729

ODOR: MILD MINERAL OIL
PH: 7.0 (1% SOL)
SOLUBILITY IN WATER: FORMS A WHITE EMULSION
SPECIFIC GRAVITY @ 25C: 0.90 G/ML
BOILING POINT: >212°F
FLASH POINT: >212°F
VISCOSITY @ 25C: <500 CPS
MELTING POINT: NOT AVAILABLE
FREEZING POINT: NOT AVAILABLE
VAPOR PRESSURE @ 25C: NOT AVAILABLE
EVAPORATION RATE: NOT AVAILABLE

SECTION X – STABILITY AND REACTIVITY

CHEMICAL STABILITY:
STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

CONDITIONS TO AVOID:
HEAT, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES.

INCOMPATIBLE MATERIALS:
STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS:
CARBON DIOXIDE, CARBON MONOXIDE AND VARIOUS HYDROCARBONS MAY BE RELEASED DURING A FIRE.

POSSIBILITY OF HAZARDOUS REACTIONS:
NONE ARE KNOWN.

SECTION XI – TOXICOLOGICAL INFORMATION

ACUTE HEALTH EFFECTS:

EYES:
WILL CAUSE MODERATE TO SEVERE EYE IRRITATION.

SKIN:
PROLONGED OR REPEATED CONTACT WITH THE UNDILUTED PRODUCTS AND CAUSE SKIN DRYNESS OR IRRITATION

INGESTION:
SWALLOWING THIS PRODUCT MAY CAUSE GASTROINTESTINAL IRRITATION, DIARRHEA, NAUSEA, AND VOMITING.

INHALATION:
EXCESSIVE BREATHING OF VAPORS ATTAINABLE AT ELEVATED TEMPERATURES MAY CAUSE DIZZINESS, HEADACHE, AND RESPIRATORY SYSTEM IRRITATION.

CHRONIC HEALTH EFFECTS:
NOT DETERMINED.

Material Safety Data Sheet

DEFOAMER 5729

TOXICITY VALUES

NO DATA AVAILABLE

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY:

NO DATA AVAILABLE.

PERSISTENCE AND DEGRADABILITY:

NO DATA AVAILABLE.

BIOACCUMULATIVE POTENTIAL:

BIOACCUMULATION IS NOT EXPECTED.

MOBILITY IN SOIL:

NO DATA AVAILABLE.

OTHER ADVERS EFFECTS:

NO DATA AVAILABLE.

SECTION XIII – DISPOSAL CONSIDERATIONS

DISPOSE OF ONLY AT A LICENSED AND CERTIFIED CHEMICAL WASTE DISPOSAL FACILITY.
DISPOSE OF ONLY BY METHODS APPROVED BY AND USED IN ACCORD WITH LOCAL, STATE
AND FEDERAL REGULATIONS.

SECTION XIV – TRANSPORTATION INFORMATION

DOT ROAD SHIPMENT INFORMATION (49 CFR172.101):

NON REGULATED

OCEAN SHIPMENT (IMDG):

NON REGULATED

AIR SHIPMENT (IATA):

NONREGULATED

SECTION XV – REGULATORY INFORMATION

TSCA STATUS: ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY.

EPASARA TITLE III CHEMICAL LISTINGS

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: NO

SECTION 304 CERCLA HAZARDOUS SUBSTANCES: NO

SECTION 311/312 HAZARD CLASS: ACUTE: NO

Material Safety Data Sheet

DEFOAMER 5729

CHRONIC: NO

FIRE: NO

PRESSURE: NO

REACTIVE: NO

SECTION 313 TOXIC CHEMICALS: NONE

OTHER REGULATORY INFORMATION: NO DATA AVAILABLE

| |
|--|
| SECTION XVI – OTHER INFORMATION |
|--|

| | | | | |
|----------------------|----------------|----------------------|--------------------|-----------------------------|
| HMIS PROFILE: | HEALTH: | FLAMMABILITY: | REACTIVITY: | PERSONAL PROTECTION: |
| | 2 | 1 | 1 | C |

GENERAL INFORMATION

ATTENTION: DO NOT REUSE CONTAINER FOR PURPOSES OTHER THAN ORIGINALLY INTENDED. EMPTIED. CONTAINER RETAINS VAPOR OR PRODUCT RESIDUE. DO NOT REUSE UNLESS CONTAINER IS THOROUGHLY RECONDITIONED. FOR INDUSTRIAL USE ONLY. USE ONLY ACCORDING TO INFORMATION CONTAINED IN THE TECHNICAL BULLETIN AND MSDS.

The information and recommendations presented herein are presented in good faith and are believed to be correct as of the date hereof. The manufacturer/supplier makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving the information will make their own determinations as to its suitability for their purposes prior to use. In no event will the manufacturer/supplier be responsible for damages or any nature whatsoever resulting from the use for reliance upon this information. NO REPRESENTATIONS OR WARRANTIES, EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HERE UNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH THE INFORMATION REFERS.

DATE OF ISSUE: 08/13/2015

REVISION NUMBER: INITIAL

REVISION DATE:

PRODUCT NUMBER: 11717

THIS IS THE LAST PAGE