

MATERIAL SAFETY DATA SHEET: DRIFOAM AEROSOL, M/M

Section I - General Information

(000000-000000- - 5461)

Date of Issue:

5/10/1996 12:00:00 AM

Supersedes:

3/22/1996 12:00:00 AM

Chemical Name & Synonyms:

N/A

Trade Name & Synonyms:

DRIFOAM AEROSOL, M/M

Chemical Family:

SILICONE EMULSION

Formula is a mixture: [v]

Manufacturer Name:

CHEMSEARCH DIV. OF NCH CORP.

Manufacturer Address:

BOX 152170
IRVING, TX 75015

Prepared By:

S DOROUGH/CHEMIST

Product Code Number:

5461

Emergency Phone Number:

800-424-9300

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

<u>Chemical Name (Ingredients)</u>	<u>Hazard</u>	<u>TLV</u>	<u>PEL</u>	<u>STEL</u>	<u>CAS #</u>
POLYDIMETHYLSILOXANE	IRRITANT	NOT EST. 1	NOT EST. 2	NOT EST.	63148-62-9
PROPANE	ASPHX	1000 PPM 1	1000 PPM 2	NOT EST.	74-98-6
ISOBUTANE	IRRITANT	NOT EST. 1	NOT EST. 2	NOT EST.	75-28-5
N-BUTANE	ASPHX	800 PPM 1	800 PPM 2	NOT EST.	106-97-8

Section III - Physical Data

Boiling Point (?F): 212	Specific Gravity (H₂O=1): 0.95-1.00
Vapor Pressure (mm Hg): 2.23	Color: WHITE
Vapor Density (Air=1): 0.6	Odor: AFTER SHAVE
pH @ 100% : 10.1	Clarity: OPAQUE
% Volatile by Volume: 0.5	Evaporation Rate (BuAc=1): 2.01
H₂O Solubility: MISCIBLE	Viscosity: SEMI-VISCOUS

Section IV - Fire and Explosion Hazard

Flash Point: 210 F	Method Used: SETAFLASH
Flammable Limits: N/A	UEL: N/A
LEL: N/A	Aerosol Level (NFPA 30B): 1

Extinguishing Media:

<input checked="" type="checkbox"/> Foam	<input type="checkbox"/> Alcohol Foam	<input checked="" type="checkbox"/> CO ₂
<input checked="" type="checkbox"/> Dry Chemical	<input checked="" type="checkbox"/> Water Spray	<input type="checkbox"/> Other

NFPA 704 Hazard Rating:

4-Extreme	Health: 1
3-High	Flammability: 2
2-Moderate	Instability: 0
1-Slight	Special:
0-Insignificant	

Special Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE.

Unusual Fire and Explosion Hazards:

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USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS TO PREVENT BURSTING.

Section V - Health and Hazard Data

Threshold Limit Value:

NOT ESTABLISHED FOR MIXTURE.

Effects of Overexposure:

Acute: (Short Term Exposure)

EYE CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING AND REDNESS. SWELLING OF THE CONJUNCTIVA MAY OCCUR.
INHALATION: INHALATION OF LARGE AMOUNTS MAY CAUSE IRRITATION TO THE RESPIRATORY TRACT, DIZZINESS, AND HEADACHE.
INTENTIONAL EXPOSURE TO LARGE CONCENTRATIONS MAY RESULT IN UNCONSCIOUSNESS, COMA AND POSSIBLE DEATH.
INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION SEEN AS NAUSEA, VOMITING AND DIARRHEA. SKIN CONTACT: ALTHOUGH NORMALLY NOT IRRITATING TO THE SKIN, INDIVIDUALS WITH HIGH SENSITIVITY MAY DEVELOP MILD IRRITATION.

Chronic: (Long Term Exposure)

TARGET ORGANS: NONE KNOWN. ALTHOUGH THERE IS NO PRIMARY ROUTE OF ENTRY INTO THE BODY, THE PRIMARY ROUTE OF EXPOSURE IS SKIN AND EYE CONTACT. MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN. NO CHRONIC DATA AVAILABLE.

Primary Routes of Entry

☐ Inhalation ☐ Ingestion ☐ Absorption

Emergency First Aid Procedures:

Inhalation:

REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

Eye Contact:

RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

Skin Contact:

WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

Ingestion:

GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION IF DISCOMFORT OCCURS.

Notes to Physician:

NONE.

Section VI - Toxicity Information

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

☐ IARC ☐ NTP ☐ OSHA ☐ ACGIH ☐ Other

POLYDIMETHYLSILOXANE

NO TOXICITY DATA AVAILABLE.

PROPANE

VERY LITTLE PHYSIOLOGICAL REACTION IS PRODUCED BY EXPOSURE TO PROPANE

CONCENTRATIONS LESS THAN 1,000 PPM. 4.

VOLUNTEERS WHO BREATHED CONCENTRATIONS OF 1000 PPM, 8 HOURS DAILY FOR 5 DAYS ONE WEEK AND 4 DAYS THE FOLLOWING WEEK HAD NO EEG ABNORMALITIES OR CHANGES IN ADRENOCORTICAL, CARDIOPULMONARY, NEUROLOGICAL, COGNITIVE, OR VISUAL FUNCTIONS. 4.

N-BUTANE

IHL-RAT LC50: 658 G/M3/4H 3.

IHL-MUS LC50: 680 G/M3/2H 3.

ISOBUTANE

IHL-MOUSE LCLO: 1041 G/M3 2H 4.

IHL-MOUSE LC50: 520,000 PPM 2H 4.

Section VII - Reactivity Data

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Stability

☒ Stable ☐ Unstable

Conditions to Avoid:

AVOID HEAT, HOT SURFACES, SPARKS AND OPEN FLAMES.

Hazardous Polymerization

☒ Will not occur ☐ May occur

Conditions to Avoid:

N/A

Incompatibility (Materials to Avoid):

STRONG OXIDIZERS, ACIDS AND ALKALIS

Hazardous Decomposition Products:

OXIDES OF CARBON AND NITROGEN.

Section VIII - Spill Or Leak Procedures

Steps to be Taken if Material is Released or Spilled:

DUE TO THE NATURE OF THE AEROSOL PACKAGING, A LARGE SPILL IS UNLIKELY. FOR A SMALL SPILL, ABSORB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL.

Waste Disposal Method(s):

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS. TYPICAL DISPOSAL IS TO WRAP THE EMPTY AEROSOL CONTAINER IN SEVERAL LAYERS OF NEWSPAPER AND DISPOSE OF IN THE TRASH.

Neutralizing Agent:

NONE.

Section IX - Special Protection Information

Required Ventilation:

GENERAL VENTILATION IS NORMALLY ADEQUATE.

Respiratory Protection:

NONE REQUIRED UNDER NORMAL CONDITIONS OF USE.

Glove Protection:

NONE REQUIRED UNDER NORMAL CONDITIONS OF USE.

Eye Protection:

NONE REQUIRED UNDER NORMAL CONDITIONS OF USE.

Other Protection:

NONE REQUIRED.

Section X - Storage and Handling Information

Storage Temperature

Max: 120 F Min: 40 F

Storage Conditions

☒ Indoors ☐ Outdoors ☐ Heated ☐ Refrigerated

Precautions to be Taken in Handling and Storing:

Other Precautions:

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

Section XI - Regulatory Information

Chemical Name

None.

CAS Number

Upper % Limit

Those Ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer. This MSDS is not intended for users in the state of California.

Section XII - References

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND

MATERIAL SAFETY DATA SHEET: DRIFOAM AEROSOL, M/M

BIOLOGICAL EXPOSURE INDICES, ACGIH, 1995-1996.

2. OSHA PEL.

3. SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, EIGHTH EDITION, RICHARD J. LEWIS, SR.

4. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, MICROMEDEX, 1995.

CARC=CARCINOGENIC TOX=TOXIC FLAM=FLAMMABLE COMB=COMBUSTIBLE N/E=NOT

ESTABLISHED N/A=NOT APPLICABLE C.C.=CLOSED CUP T.C.C.=TAG CLOSED CUP

O.C.=OPEN CUP P.M.C.C.=PENSKEY-MARTEN CLOSED CUP

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