Safety Data Sheet
Foamaster® MO 2111 (old Foamaster® 111)

1. Product and Company Identification

Use: defoamer

Company
BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information
CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

2. Composition/information on ingredients

COMPONENT:	CAS-No.	CONCENTRATION (Wt. %):
Proprietary component(s)		100

3. Hazards identification

EMERGENCY OVERVIEW

Caution:	May cause irritation of the respiratory tract if inhaled.

State:
liquid

Color(s):
amber

Routes of entry:
Skin contact, Ingestion

Potential Health Acute Effects:
Inhalation:
May cause respiratory irritation.
May cause inflammation of the lungs.

Skin contact:
not irritating

Eye contact:
Non-irritating to the eyes.

Ingestion:
May be harmful if swallowed.

Existing conditions aggravated by exposure:
May aggravate existing skin, eye and respiratory conditions.

Potential Chronic Health Effects:
Dermatitis
Lung injury

4. First aid measures

After inhalation:
Move to fresh air.

After skin contact:
Wash thoroughly with soap and water.
Remove contaminated clothing and footwear.
Wash clothing before reuse.
If irritation should develop, seek medical attention.

After eye contact:
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Washing within one minute is essential to achieve maximum effectiveness.
If adverse health effects develop seek medical attention.

After ingestion:
Do not induce vomiting.
Product presents an aspiration hazard.
If vomiting occurs naturally, keep airway clear.
Seek medical attention immediately.
Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing.

5. Fire fighting measures

Flash point:
> 212 °F (> 100 °C)
;; Flash Point, Pensky-Martens

Flammable/Explosive limits:
Lower limits:
Not determined.

Upper limits:
Not determined.

Suitable extinguishing media:
Water Spray
Foam.
Carbon dioxide.
Dry Chemical

Special protection equipment for firefighters:
Wear self-contained breathing apparatus.

Unusual fire or explosion hazards:
None known

Hazardous combustion products:
carbon monoxide, Carbon dioxide.

Additional fire fighting advice:
In case of fire, keep containers cool with water spray.

6. Accidental release measures

Personal precautions:
Wear adequate personal protective clothing and equipment.

Environmental precautions:
Prevent further leakage or spillage.

Methods for cleaning and take-up:
Clean up large spills with vacuum truck.
Soak up small spills with absorbent material and place in labeled containers for recovery or disposal.

7. Handling and storage

Handling:
Handling advice:
No particular measures required.

Storage:
Storage conditions to keep:
Keep container tightly sealed and store in a frost free place.

8. Exposure controls/personal protection

Indication for system design:
Ensure adequate ventilation.

Components with specific control parameters for workplace:

Valid for USA

Name on list	Basis	Type	Value	Category	Remarks
MINERAL OIL, POORLY AND MILDLY REFINED, INHALABLE FRACTION	ACGIH NIC	Time Weighted Average (TWA).	0.2 mg/m^3		
MINERAL OIL, POORLY AND MILDLY REFINED, INHALABLE FRACTION	ACGIH NIC	Time Weighted Average (TWA).	0.2 mg/m^3		
MINERAL OIL, PURE, HIGHLY & SEVERELY REFINED, INHALABLE FRACTION	ACGIH NIC	Time Weighted Average (TWA).	5 mg/m^3		
MINERAL OIL, POORLY AND MILDLY REFINED, INHALABLE FRACTION	ACGIH NIC				Included in the regulation but with no data values. See regulation for further details.
OIL MIST, MINERAL	ACGIH	Time Weighted Average (TWA).	5 mg/m^3		O: Sampled by method that does not collect vapor.
OIL MIST, MINERAL	ACGIH	Short Term Exposure Limit (STEL):	10 mg/m^3		O: Sampled by method that does not collect vapor.
OIL MIST (MINERAL)	NIOSH	Recommended exposure limit (REL):	5 mg/m^3		
OIL MIST (MINERAL)	NIOSH	Short Term Exposure Limit (STEL):	10 mg/m^3		
OIL MIST (MINERAL)	OSHA Z1	Permissible Exposure Limit (PEL)	5 mg/m^3		
OIL MIST (MINERAL)	OSHA Z1				Listed.
OIL MIST (MINERAL)	OSHA Z1A	Time Weighted Average (TWA).	5 mg/m^3		
OIL (MINERAL) MIST, PARTICULATE	US CA OEL	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):	5 mg/m^3		
MINERAL OIL (PARAFFIN OIL), PARTICULATE	TX ESL	Short-Term ESL:	50 others	1 hourug/m3	
MINERAL OIL (PARAFFIN OIL), PARTICULATE	TX ESL	Annual ESL:	5 others	ug/m3	
MINERAL OIL (PARAFFIN OIL), VAPOR	TX ESL	Annual ESL:	100 others	ug/m3	
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION	ACGIH	Time Weighted Average (TWA).	5 mg/m^3		
MINERAL OIL (PARAFFIN OIL), VAPOR	TX ESL	Short-Term ESL:	1000 others	1 hourug/m3	

Personal protection measures:

Respiratory protection:

Not applicable with adequate ventilation.
NIOSH/MSHA approved respirator if necessary.
Follow manufacturer's recommendations.

Hand protection:

Appropriate chemical resistant gloves.

Eye protection:

Safety glasses with side shields.

9. Physical and chemical properties

General description:

State:	liquid
Color(s):	amber

Designation	Value	Method
pH-value; Conc.: 2 %	6.4	no information
Density	0.85 - 0.93 g/cm3	no information
Solubility in Water	emulsifiable	no information

10. Stability and reactivity

Stability:

Conditions to avoid:
None if used for intended purpose.

Hazardous decomposition products:
None if used for intended purpose.

Decomposition advices:
No decomposition if used according to specifications.

Reactivity:

Materials to avoid:
Strong Oxidizers

Hazardous polymerization:
Will not occur

11. Toxicological information

Acute oral toxicity:
LD50 > 2000 mg/kg body weight

Skin irritation:
not irritating

Eye irritation:
not irritating

12. Ecological information

General ecological information:
The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

Acute fish toxicity:
LC50 > 100 mg product/l.

Acute bacterial toxicity:
EC0 > 10 - <= 100 mg product/l.

Ultimate biodegradation:
The total of the organic components contained in the product achieve values below 60% BOD/COD or CO2 liberation, or below 70% DOC reduction in tests for ease of degradability. Threshold values for 'readily degradable' (e.g. to OECD method 301) are not reached.

13. Disposal considerations

Waste disposal of product:
Avoid landfilling liquids.
Dispose of product by incineration in an approved chemical waste facility (or by other approved methods) in accordance with applicable federal, state, and local regulations.

14. Transport information

General information:
Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR, CFR and TDG.

15. Regulatory information

TSCA Inventory Status: This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

SARA 311/312 Hazard Categories: Delayed Health

TSCA 12(b) Components: none

SARA 313 Toxic Chemicals: none

SARA 302 Extremely Hazardous Substances: US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

ETHYLENE OXIDE	CAS: 75-21-8	<0.02%

CERCLA Hazardous Chemicals: US. EPA CERCLA Hazardous Substances (40 CFR 302)

1,4-DIETHYLENEOXIDE	CAS: 123-91-1	<0.02%
ETHYLENE OXIDE	CAS: 75-21-8	<0.02%
ETHANAL	CAS: 75-07-0	<0.02%

California Proposition 65: This product contains the following chemical/s known to the State of California to cause cancer and/or birth defects or other reproductive harm.

1,4-DIOXANE	CAS: 123-91-1	<0.02%
ETHYLENE OXIDE	CAS: 75-21-8	<0.02%
ACETALDEHYDE (INHALATION)	CAS: 75-07-0	<0.02%

16. Other information

NFPA Rating (US)	Value
Health	1
Fire	1
Reactivity	0
Special Hazard	

HMIS Rating (US)	Value
Health	*1
Flammability	1
Reactivity	0