

PC FOAM-TASTIC AEROSOL SDS

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product Name on Label: PROFESSIONALS CHOICE FOAM-TASTIC

Other Identification: NONE

Use of the substance/mixture: CLEANER

Company name : MOORE OIL COMPANY
4033 WEST CUSTER AVE
MILWAUKEE, WI 53209 (414) 462-3200

Emergency number: (800) 424-9300 - CHEMTREC

SECTION 2: Hazards identification

Physical hazards Flammable aerosols Category 1

Health hazards Serious eye damage/eye irritation Category 2A

OSHA defined hazards Not classified.



Label elements

Signal word Danger **Hazard statement** Extremely flammable aerosol. Causes serious eye irritation.

Precautionary statement

Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Wash thoroughly after handling. Wear eye protection/face protection.

Response If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

Storage Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

SECTION 3: Composition/information on ingredients

Mixture

NAME	PRODUCT IDENTIFIER	% BY WT
Butane	106-97-8	2.5 – 10
Diethylene Glycol Monobutyl Ether	112-34-5	2.5 – 10
Alcohols, C9-11, ethoxylated	68439-46-3	1 – 2.5
Propane	74-98-6	1 – 2.5
EDTA Tetrasodium Salt	64-02-8	0.1 – 1
Other components below reportable levels		80-90

SECTION 4: First aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

PC FOAM-TASTIC AEROSOL SDS

Ingestion In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

Most important symptoms/effects, acute and delayed Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation.

Symptoms may be delayed.

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

SECTION 5: Fire-fighting measures

Suitable extinguishing media Not available.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire fighting equipment/instructions Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

General fire hazards Extremely flammable aerosol

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Environmental precautions Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

SECTION 7: Handling and storage

Precautions for safe handling Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material.

PC FOAM-TASTIC AEROSOL SDS

Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid contact with eyes. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices. Level 1 Aerosol.

Conditions for safe storage, including any incompatibilities Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS). Level 1 Aerosol (NFPA 30B)

SECTION 8: Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Propane (CAS 74-98-6)	PEL	1800 mg/m ³ 1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Butane (CAS 106-97-8)	STEL	1000 ppm	
Diethylene Glycol Monobutyl Ether (CAS 112-34-5)	TWA	10 ppm	Inhalable fraction and vapor.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Butane (CAS 106-97-8)	TWA	1900 mg/m ³ 800 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m ³ 1000 ppm

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other Wear suitable protective clothing.

Respiratory protection If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

PC FOAM-TASTIC AEROSOL SDS

SECTION 9: Physical and chemical properties

Appearance	Physical state Gas.	Form Aerosol.	Color Not available.
Odor Not available.	Odor threshold Not available.		pH 10.3 - 11.3 estimated
Melting point/freezing point Not available.			
Initial boiling point and boiling range 212 °F (100 °C) estimated			
Flash point -156.0 °F (-104.4 °C) Propellant estimated		Evaporation rate Not available.	
Flammability (solid, gas) Not available.		Flammability limit – lower (%) Not available.	
Flammability limit – upper (%) Not available.		Explosive limit - lower (%) Not available.	
Explosive limit - upper (%) Not available.		Vapor pressure Not available.	
Vapor density Not available.		Relative density Not available.	
Solubility (water) Not available.		Partition coefficient (n-octanol/water) Not available.	
Auto-ignition temperature 442.4 °F (228 °C) estimated		Decomposition temperature Not available.	
Viscosity Not available.		Explosive properties Not explosive.	
Oxidizing properties Not oxidizing.		Specific gravity 0.958 - 1.058 estimated	

SECTION 10: Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous reactions Hazardous polymerization does not occur.

Conditions to avoid Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition products No hazardous decomposition products are known.

SECTION 11: Toxicological information

Information on likely routes of exposure

Inhalation No adverse effects due to inhalation are expected.

Skin contact No adverse effects due to skin contact are expected.

Eye contact Causes serious eye irritation.

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Acute toxicity

Product	Species	Test Results
19 OZ PROF CHOICE FOAM-TASTIC LB 12PK		

Acute

Dermal

LD50	Rat	35029 mg/kg
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Inhalation

LC50	Rat	682 mg/l/4h
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Oral

LD50	Rat	
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Components

Components	Species	Test Results
Alcohols, C9-11, ethoxylated (CAS 68439-46-3)		

Acute

Dermal

LD50	Rabbit	2000 mg/kg, 24 Hours
	Rat	> 2000 mg/kg, 24 Hours

PC FOAM-TASTIC AEROSOL SDS

Inhalation

Aerosol

LC50 Rat > 1600 mg/m³, 4 Hours

Vapor

LC50 Rat > 100 mg/m³, 6 Hours

Aerosol

LC50 Rat > 1.6 mg/l, 4 Hours

Oral

LD50 Rat 3488 mg/kg

Butane (CAS 106-97-8)

Acute

Inhalation

LC50 Mouse 1237 mg/l, 120 Minutes
52 %, 120 Minutes
Rat 1355 mg/l

Diethylene Glycol Monobutyl Ether (CAS 112-34-5)

Acute

Dermal

LD50 Rabbit 2764 mg/kg, 24 Hours
Rat 2021 mg/kg

Inhalation

LC50 Rat 74 mg/l/4h

Oral

LD100 Rabbit 4000 mg/kg

LD50 Mouse 2410 mg/kg

Rabbit 2500 - 3000 mg/kg

Rat 7291 mg/kg

EDTA Tetrasodium Salt (CAS 64-02-8)

Acute

Oral

LD50 Rat 1658 mg/kg

Propane (CAS 74-98-6)

Acute

Inhalation

LC50 Mouse 1237 mg/l, 120 Minutes
52 %, 120 Minutes
Rat 1355 mg/l
658 mg/l/4h

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Not applicable.

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity Not available.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

PC FOAM-TASTIC AEROSOL SDS

US. National Toxicology Program (NTP) Report on Carcinogens Not available.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not likely, due to the form of the product.

SECTION 12: Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Product	Species	Test Results
19 OZ PROF CHOICE FOAM-TASTIC LB 12PK		
Aquatic		
Algae	IC50	Algae 141 mg/L, 72 Hours
Crustacea	EC50	Daphnia 19687 mg/L, 48 Hours
Fish	LC50	Fish 1007 mg/L, 96 Hours

Components Species Test Results

Alcohols, C9-11, ethoxylated (CAS 68439-46-3)

Aquatic

Crustacea	EC50	Water flea (Daphnia magna)	2.9 - 8.5 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	6 - 12 mg/l, 96 hours

Diethylene Glycol Monobutyl Ether (CAS 112-34-5)

Aquatic

Crustacea	EC50	Daphnia	2803 mg/L, 48 Hours
Fish	LC50	Bluegill (Lepomis macrochirus)	1300 mg/l, 96 hours
		Fish	1304 mg/L, 96 Hours

EDTA Tetrasodium Salt (CAS 64-02-8)

Aquatic

Algae	IC50	Algae	1.01 mg/L, 72 Hours
Fish	LC50	Bluegill (Lepomis macrochirus)	472 - 500 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential Partition coefficient n-octanol / water (log Kow)

Butane	2.89
Diethylene Glycol Monobutyl Ether	0.56
Propane	2.36

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

PC FOAM-TASTIC AEROSOL SDS

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

SECTION 14: Transport information

DOT

UN number UN1950

UN proper shipping name Aerosols, flammable, (each not exceeding 1 L capacity)

Transport hazard class(es) Class 2.1 **Subsidiary risk -** **Label(s)** 2.1

Packing group Not applicable.

Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.

Special precautions for user

Special provisions N82

Packaging exceptions 306

Packaging non bulk None

Packaging bulk None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN number UN1950

UN proper shipping name Aerosols, flammable

Transport hazard class(es) Class 2.1 **Subsidiary risk -** **Label(s)** 2.1

Packing group Not applicable. **Environmental hazards** No. **ERG Code** 10L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo aircraft Allowed with restrictions. **Cargo aircraft only** Allowed with restrictions.

Packaging Exceptions LTD QTY

IMDG **UN number** UN1950

UN proper shipping name AEROSOLS

Transport hazard class(es) Class 2.1 **Subsidiary risk -** **Label(s)** 2.1

Packing group Not applicable.

Environmental hazards **Marine pollutant** No. **EmS** F-D, S-U

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.

Packaging Exceptions LTD QTY

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

DOT

IATA;IMDG

PC FOAM-TASTIC AEROSOL SDS



SECTION 15: Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

SARA 304 Emergency release notification Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard – Yes	Delayed Hazard – No
Fire Hazard – Yes	Pressure Hazard – Yes	Reactivity Hazard – No

SARA 302 Extremely hazardous substance Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting) Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Butane (CAS 106-97-8)

US. Massachusetts RTK - Substance List

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. New Jersey Worker and Community Right-to-Know Act

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-to-Know Law

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. Rhode Island RTK

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

PC FOAM-TASTIC AEROSOL SDS

US. California Proposition 65 California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

SECTION 16: Other information

The information in this Safety Sheet 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 safety sheet was prepared and is to be used only for this product. If the product is used as a component in another product, this safety sheet information may not be applicable.