

SAFETY DATA SHEET

FOAM FRESH™

Health Emergencies: INFOTRAC® (800) 535-5053

1. PRODUCT AND COMPANY INFORMATION

Product Identity: FOAM FRESH™

Recommended use of the chemical and restrictions on use: Use as a deodorizer for most organic source odors.

Manufacturer: Nisus Corporation
100 Nisus Drive
Rockford, TN 37853

Telephone: Phone: (800) 264-0870
Fax: (865) 577-5825

Emergency Phone: 800-535-5053 (INFOTRAC)

SDS Date of Preparation: 4/1/16

2. HAZARDS IDENTIFICATION

Physical State: Aerosol

GHS Classification: Flammable Aerosol: Category 2

GHS Label Elements:



Signal Word: Warning

Statements of Hazard

Flammable Aerosol.

Precautionary Statements - 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.

Precautionary Statements - Storage

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Propane	74-98-6	1-10
N-Butane	106-97-8	1-10
Isobutane	75-28-5	1-10

The exact formulation is being withheld as a trade secret.

4. FIRST AID MEASURES

General Advice: If exposed or concerned: Get medical advice/attention.

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation: Remove to fresh air.

Ingestion: Clean mouth with water and drink afterwards plenty of water.

Most Important Symptoms and Effects: May cause discomfort if swallowed.

Indication of any immediate medical attention/special treatment needed: Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical: This product is a flammable aerosol.

Protective Equipment and Precautions for Fire-Fighting: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved r equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Use personal protective equipment as required.

Methods and Materials for Containment: Prevent further leakage or spillage if safe to do so.

Methods and Materials for Clean-Up: Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Keep away from heat, sparks, open flames and 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.

Conditions for Safe Storage:

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

Conditions for Incompatible Materials:

None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines:**

Chemical Name	ACGIH TLV	OSHA PEL	NOSH IDLH
Propane CAS: 74-98-6	TWA: 1000 ppm	TWA: 1000ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³
N-Butane CAS: 106-97-8	STEL: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	TWA: 800 ppm TWA: 1900 mg/m ³
Isobutane CAS: 75-28-5	STEL: 1000 ppm	-	TWA: 800 ppm TWA: 19000 mg/m ³

Engineering Controls: Apply technical measures to comply with the occupational exposure limits.

Eye/Face Protection: Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection: Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection: Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Aerosol

Appearance and Color: Not Determined

Odor and Odor Threshold: Not Determined

pH: Not Determined

Vapor Density: Not Determined

Melting Point/ Freezing Point: Not Determined

Boiling Point/ Boiling Range: Not Determined

Flash Point: Not Determined

Evaporation Rate: Not Determined

Flammability (Solid, Gas): Not Determined

Upper Flammability Limits: Not Determined

Lower Flammability Limits: Not Determined

Vapor Pressure: Not Determined

Vapor Density: Not Determined

Specific Gravity: Not Determined

Water Solubility: Not Determined

Solubility in other solvents: Not Determined

Partition Coefficient: Not Determined

Auto-ignition Temperature: Not Determined

Decomposition Temperature: Not Determined

Kinematic Viscosity: Not Determined

Dynamic Viscosity: Not Determined

Explosive Properties: Not Determined

Oxidizing Properties: Not Determined

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: None known under normal processing.

Conditions to Avoid: Keep out of reach of children.

Incompatible Materials: None known based on information supplied.

Hazardous Decomposition Products: None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure:**

Eye Contact: Avoid contact with eyes.

Skin Contact: Avoid contact with skin.

Inhalation: Do not inhale.

Ingestion: Do not ingest.

Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propane CAS: 74-98-6	-	-	= 658 mg/L (Rat) 4 h
N-Butane CAS: 106-97-8	-	-	= 658 g/m ³ (Rat) 4 h
Isobutane CAS: 75-28-5	-	-	= 658 mg/L (Rat) 4 h

Information on physical, chemical and toxicological symptoms effects: Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity: Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

Numerical measures of toxicity: Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity: This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and Degradability: Not determined.

Bioaccumulation: Not determined.

Mobility in Soil:

Chemical Name	CAS	Partition Coefficient
Propane	74-98-6	2.3
N-Butane	106-97-8	2.89
Isobutane	75-28-5	2.88

Other Adverse Effects: Not determined.

13. DISPOSAL CONSIDERATION**Waste Treatment Methods**

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORTATION INFORMATION

Note: Please see current shipping paper for most up-to-date shipping information, including exemptions and special circumstances.

DOT:

UN/ID No: UN1950

Proper Shipping Name: Aerosols

Hazard Class: 2.1

IATA:

UN/ID No: UN1950

Proper Shipping Name: Aerosols, flammable

Hazard Class: 2.1

IMDG:

UN/ID No: UN1950

Proper Shipping Name: Aerosols

Hazard Class: 2.1

15. REGULATORY INFORMATION**International Inventories**

Chemical Name	Propane	N-Butane	Isobutane
TSCA	Present	Present	Present
DSL	X	X	X
NDSL			
EINECS	Present	Present	Present
ELINCS			
ENCS	Present	Present	Present
IECSC	X	X	X
KECL	Present	Present	Present
PICCS	X	X	X
AICS	X	X	X

Legend

TSCA – United State Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINS – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 ENCS – Japan Existing and New Chemical Substances
 IECSC – China Inventory of Existing Chemical Substances
 KECL – Korean Existing and Evaluated Chemical Substances
 PICCS – Philippines Inventory of Chemicals and Chemical Substances
 AICS – Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SRA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

US State Regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Propane CAS: 74-98-6	X	X	X
N-Butane CAS: 106-97-8	X	X	X
Isobutane CAS: 75-28-5	X	X	X

16. OTHER INFORMATION**NFRA:**

Health Hazards: Not determined **Flammability:** Not determined
Instability: Not determined **Special Hazards:** Not determined

HMIS:

Health Hazards: Not determined **Flammability:** Not determined
Physical Hazards: Not determined **Personal Protection:** Not determined

Issue Date: 07-Dec-2015

Revision Date: 01-April-2016

Revision Note: Corrected Hazards Identification, First Aid Measures and Toxicological Information contents

WARRANTY DISCLAIMER

The information, data and recommendations contained herein are believed to be accurate but may not be all inclusive and should only be used as a guide. The information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the product for his particular use and on condition that they assume the risk of the use thereof. With respect to this publication and the product related thereto, unless otherwise expressly provided by Manufacturer in writing, **MANUFACTURER MAKES NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

Remedy/Liability Limits

The exclusive remedy for losses or damages resulting from this publication or the related product (including claims based on contract, negligence, strict liability or other legal theories) shall be limited to, at Manufacturer's sole election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

Manufacturer shall not be liable for losses or damages resulting from use of this publication or handling or use of this product, **IN NO CASE SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR LOSSES, INCLUDING WITHOUT LIMIT, HEALTH RELATED DAMAGES OR INJURIES.**

The terms of this **Warranty Disclaimer** and **Remedy/Liability Limits** cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Manufacturer or the seller is authorized to vary or exceed the terms of this **Warranty Disclaimer** or **Limitation of Remedies** in any manner.



100 Nisus Drive • Rockford, TN 37853 USA • (800) 264-0870

Foam Fresh and Nisus Corporation are trademarks or registered trademarks of Nisus Corporation. ©2016 Nisus Corporation • #FF-SDS-040116