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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Thick N Thicker Mousse

### Other means of identification

**SDS #** CC-017

**UN/ID No** UN1950

### Recommended use of the chemical and restrictions on use

**Recommended Use** Dog grooming product.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Chris Christensen Systems Inc.  
PO Box 961  
Fairfield, TX 75840

### Emergency Telephone Number

**Company Phone Number** 903-389-7949  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A
Flammable Aerosols	Category 2

### Signal Word

**Danger**

### Hazard Statements

May cause genetic defects  
May cause cancer  
Flammable Aerosol



**Appearance** Aerosols

**Physical State** Aerosol

**Odor** Fragrance added

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 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 - Response**

If exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

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

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Isobutane	75-28-5	1-10
Propane	74-98-6	1-5

### 4. FIRST-AID MEASURES

**First Aid Measures**

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if irritation persists.
<b>Skin Contact</b>	Wash with soap and water. If irritation persists, seek medical attention.
<b>Inhalation</b>	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.
<b>Ingestion</b>	Do not induce vomiting. If conscious, give several glasses of milk (preferred) or water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Allow vomiting to occur, then get medical attention.

**Most important symptoms and effects**

<b>Symptoms</b>	Mild eye, skin, and/or respiratory irritation. Inhalation may cause drowsiness or dizziness.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Dry chemical. Carbon dioxide (CO<sub>2</sub>). Foam. Water.

**Unsuitable Extinguishing Media** Not determined.

### Specific Hazards Arising from the Chemical

Caution: Treat as an NFPA level 2 flammable aerosol. Container may explode if exposed to temperatures > 50 ° C.

**Hazardous Combustion Products** Incomplete combustion: hydrocarbon fumes and smoke and carbon monoxide.

**Sensitivity to Mechanical Impact** Sensitive to shock.

**Sensitivity to Static Discharge** Sensitive to static discharge.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Keep containers cool with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protection recommended in Section 8.

**For Emergency Responders** Product is a sealed aerosol can. Accidental discharge is unlikely unless the can is punctured. Should this occur, eliminate all sources of ignition.

**Environmental Precautions** See Section 12 for additional Ecological Information. See Section 13, Disposal Considerations, for additional information.

### Methods and material for containment and cleaning up

**Methods for Containment** Dike and contain spill. Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Absorb the spill with spill pillows or inert solids such as clay or vermiculite, and transfer contaminated material to suitable containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Caution: Product is a flammable aerosol. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. 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.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Do not expose to temperatures exceeding 50 °C/122°F. Protect from sunlight. Protect container from physical damage.

**Incompatible Materials** Strong oxidizers. Alkaline materials. Hydroxides of alkaline materials.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isobutane 75-28-5	TWA: 1000 ppm	-	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>
Diethanolamine 111-42-2	TWA: 1 mg/m <sup>3</sup> inhalable fraction and vapor S*	(vacated) TWA: 3 ppm (vacated) TWA: 15 mg/m <sup>3</sup>	TWA: 3 ppm TWA: 15 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering Controls**

Apply technical measures to comply with the occupational exposure limits. For handling large quantities of the product, ventilation should be used. Testing of aerosol cans should be performed with explosion-proof ventilation equipment. Local exhaust ventilation is not required for product use. Use mechanical exhaust whenever it is used indoors or on a continuous basis. Eyewash stations. Showers.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**

None required under normal use. Safety glasses should always be worn in an industrial operation. Splash proof goggles where possible eye contamination exists.

**Skin and Body Protection**

None required under normal use. Wear chemical resistant, impervious gloves for routine industrial use.

**Respiratory Protection**

None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Respiratory protection must be provided in accordance with OSHA regulations (29 CFR1910.134) or European Standard EN 149, as applicable.

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Aerosol	<b>Odor</b>	Fragrance added
<b>Appearance</b>	Aerosols	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Not determined		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH	7.0-9.0		
Melting Point/Freezing Point	Not applicable		
Boiling Point/Boiling Range	Not applicable		
Flash Point	< -73 °C / < -99 °F	Flashpoint listed is for propellant	
Evaporation Rate	< 1	(butyl acetate = 1)	
Flammability (Solid, Gas)	Level 2 aerosol-not applicable		
Upper Flammability Limits	8.4-9.5 (% by volume)		
Lower Flammability Limit	1.8-2.2 (% by volume)		
Vapor Pressure	40-70 psig	@ 21 ° C (70 ° F)	
Vapor Density	>1	(Air=1)	
Specific Gravity	.950	(1=Water)	
Water Solubility	95% by wt (as liquid product)		
Solubility in other solvents	Not determined		

<b>Partition Coefficient</b>	Not determined
<b>Autoignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not determined
<b>Kinematic Viscosity</b>	Not determined
<b>Dynamic Viscosity</b>	Not determined
<b>Explosive Properties</b>	Not determined
<b>Oxidizing Properties</b>	Not determined

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization**      Hazardous polymerization does not occur.

### Conditions to Avoid

Heat, flames, ignition sources and incompatibles.

### Incompatible Materials

Strong oxidizers. Alkaline materials. Hydroxides of alkaline materials.

### Hazardous Decomposition Products

In case of fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Ingestion</b>	Do not taste or swallow.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	-	-
Isobutane 75-28-5	-	-	= 658 mg/L ( Rat ) 4 h
Propane 74-98-6	-	-	= 658 mg/L ( Rat ) 4 h
Diethanolamine 111-42-2	= 620 µL/kg ( Rat )	= 7640 µL/kg ( Rabbit )	-

### Information on physical, chemical and toxicological effects

**Symptoms**      Please see section 4 of this SDS for symptoms.

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

<b>Germ cell mutagenicity</b>	May cause genetic defects.
<b>Carcinogenicity</b>	Isobutane is considered a carcinogen when it contains $\geq 0.1\%$ of 1,3-butadiene. May cause cancer.

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

The 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.

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Diethanolamine 111-42-2	7.8: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 2.1 - 2.3: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	4460 - 4980: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 1200 - 1580: 96 h <i>Pimephales promelas</i> mg/L LC50 static 600 - 1000: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static	EC50 = 73 mg/L 5 min EC50 > 16 mg/L 16 h	55: 48 h <i>Daphnia magna</i> mg/L EC50

**Persistence/Degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

Chemical Name	Partition Coefficient
Isobutane 75-28-5	2.88
Propane 74-98-6	2.3

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Based on package size, product may be eligible for limited quantity exception.

**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**

Not determined

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*  
*EINECS/ELINCS - 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*

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Diethanolamine - 111-42-2	111-42-2	<1	1.0

**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 contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Diethanolamine - 111-42-2	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isobutane 75-28-5	X	X	X
Propane 74-98-6	X	X	X
Diethanolamine 111-42-2	X	X	X

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	Not determined	Not determined	Not determined	Not determined
<b>HMIS</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	4	1	Not determined

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**