



SAFETY DATA SHEET

Issue Date 26-May-2009

Revision Date 08-Feb-2013

Version 1

1. IDENTIFICATION

Product Identifier

Product Name CoatLink Coat Dressing

Other means of identification

SDS # COATLINK

UN/ID No UN1950

Recommended use of the chemical and restrictions on use

Recommended Use Personal care.

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 INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Germ cell mutagenicity	Category 1B
Flammable Aerosols	Category 2

Signal word

Danger

Hazard statements

May cause genetic defects
Flammable aerosol
Pressurized container: May burst if heated



Appearance Dispensed as spray foam

Physical state Aerosol

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

Hazards not otherwise classified (HNOC)

Not Applicable

Other Information

- Harmful to aquatic life with long lasting effects
- Harmful to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Isobutane	75-28-5	3-7	*
Propane	74-98-6	1-5	*
Sodium lauryl sulfate	151-21-3	1-3	*
Cocamidopropyl betaine	61789-40-0	0.5-2	*

4. FIRST AID MEASURES

First aid measures

General advice	If exposed or concerned: Get medical advice/attention.
Inhalation	Remove to fresh air.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Ingestion	Do NOT induce vomiting. Call a physician or poison control center immediately.
Skin Contact	Wash off immediately with plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms Dizziness. Direct eye contact may cause stinging, tearing and redness. Contact may cause irritation and redness.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical. Carbon dioxide (CO₂). Foam.

Unsuitable Extinguishing Media Not determined.

Specific hazards arising from the chemical

Cool containers exposed to flames with water until well after the fire is out. Containers may explode if exposed to temperatures > 50°C. Aerosols are under pressure. Flame extension: 15-45 cm.

Hazardous combustion products Hydrocarbons. Carbon monoxide.

Sensitivity to Mechanical Impact Yes.

Sensitivity to Static Discharge Yes.

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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. Remove all sources of ignition. Avoid breathing dust or fume. Ventilate affected area. Use non-sparking tools.

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containment ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Absorb spill with inert material (e.g. dry sand or earth).

Methods for cleaning up Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling 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 containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Do not expose to temperatures exceeding 50 °C/122°F. Protect from sunlight.

Incompatible materials Strong oxidizing agents.

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 ³
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm 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

Appropriate engineering controls

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

Individual protection measures, such as personal protective equipment

- Eye/face protection** Avoid contact with eyes.
- Skin and body protection** No special technical protective measures are necessary.
- Respiratory protection** Ensure adequate ventilation, especially in confined areas.

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**

Physical state	Aerosol	Odor	Not determined
Appearance	Dispensed as spray foam	Odor threshold	Not determined
Color	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6.0-8	
Melting point/freezing point	< 0 °C / <32 °F	
Boiling point/boiling range	Not determined	
Flash point	< -73 °C / < -99.4 °F	Estimated (propellant)
Evaporation rate	< 1	(butyl acetate = 1)
Flammability (solid, gas)	Not determined	
Flammability Limits in Air		
Upper flammability limits	8.4-9.5	
Lower flammability limit	1.8-2.2	
Vapor pressure	45-55 psig	@ 21 °C
Vapor density	>1	(Air=1)
Specific Gravity	0.970	(1=Water)
Water solubility	95%	
Solubility in other solvents	Not determined	
Partition coefficient	Not determined	
Autoignition temperature	Not determined	
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	
Dynamic viscosity	Not determined	
Explosive properties	Not determined	
Oxidizing properties	Not determined	

Other Information**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

Storage in hot, unventilated areas.

Incompatible materials

Strong oxidizing agents.

Hazardous Decomposition Products

Hydrocarbons. Carbon monoxide.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information****Inhalation**

Avoid breathing vapors or mists.

Eye contact

Avoid contact with eyes.

Skin Contact

Avoid contact with skin.

Ingestion

Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isobutane 75-28-5	-	-	= 658 mg/L (Rat) 4 h
Propane 74-98-6	-	-	= 658 mg/L (Rat) 4 h
Sodium lauryl sulfate 151-21-3	= 1288 mg/kg (Rat)	= 580 mg/kg (Rabbit)	> 3900 mg/m ³ (Rat) 1 h
Cocamidopropyl betaine 61789-40-0	= 4900 mg/kg (Rat)	-	-

Information on physical, chemical and toxicological effects**Symptoms**

Vapors may cause dizziness or nausea. Contact may cause irritation and redness. Exposed individuals may experience eye tearing, redness, and discomfort.

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

May cause genetic defects.

Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity- Product

Not determined

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	50995 mg/kg
ATEmix (dermal)	29000 mg/kg
ATEmix (inhalation-gas)	3804503 mg/l
ATEmix (inhalation-dust/mist)	48.8 mg/l
ATEmix (inhalation-vapor)	7892 mg/l

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Harmful to aquatic life Harmful to aquatic life with long lasting effects

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium lauryl sulfate 151-21-3	53: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 30 - 100: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 117: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 3.59 - 15.6: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static	8 - 12.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static 15 - 18.9: 96 h <i>Pimephales promelas</i> mg/L LC50 static 22.1 - 22.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static 4.3 - 8.5: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 4.62: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 4.2: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 7.97: 96 h <i>Brachydanio rerio</i> mg/L LC50 flow-through 9.9 - 20.1: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static 4.06 - 5.75: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 4.2 - 4.8: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through 4.5: 96 h <i>Lepomis macrochirus</i> mg/L LC50 5.8 - 7.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static 10.2 - 22.5: 96 h <i>Pimephales promelas</i> mg/L LC50 semi-static 6.2 - 9.6: 96 h <i>Pimephales promelas</i> mg/L LC50 13.5 - 18.3: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 10.8 - 16.6: 96 h <i>Poecilia reticulata</i> mg/L LC50 static 1.31: 96 h <i>Cyprinus carpio</i> mg/L LC50 semi-static		1.8: 48 h <i>Daphnia magna</i> mg/L EC50
Cocamidopropyl betaine 61789-40-0	1.0 - 10.0: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 0.55: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50	1.0 - 10.0: 96 h <i>Brachydanio rerio</i> mg/L LC50 2: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static		6.5: 48 h <i>Daphnia magna</i> mg/L EC50

Persistence and degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined.

Chemical Name	Partition coefficient
Isobutane 75-28-5	2.88
Propane 74-98-6	2.3
Sodium lauryl sulfate 151-21-3	1.6

Other adverse effects Not determined

13. DISPOSAL CONSIDERATIONS

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. TRANSPORT INFORMATION

DOT (each not exceeding 1 L capacity)
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**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 311/312 Hazard Categories

US State Regulations

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

U.S. EPA Label Information

16. OTHER INFORMATION

NFPA

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

26-May-2009

Revision Date

08-Feb-2013

Revision Note

new format

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