

Safety Data Sheet

BOIL-A-COIL

SDS Revision Date:

04/02/2015



Sid Harvey item # F2-5

SDS # Z0059

1. Identification

1.1. Product identifier

Product Identity

BOIL-A-COIL

Alternate Names

35-423, 35-424, Blended Formula, BOIL-A-COIL

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use

See Technical Data Sheet.

Application Method

See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name

ComStar International Inc.
20-45 128th Street,
College Point, NY 11356

Telephone No.

718-445-7900
800-328-0142
Fax: 718-353-5998

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Skin Irrit. 2;H315 Causes skin irritation

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Warning

[Prevention]:

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P271 Use only outdoors or in a well-ventilated area.

[Response]:

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.

[Storage]:

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No GHS storage statements

[Disposal]:

No GHS disposal statements

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
SODIUM SULFITE CAS#: 7757-83-7	>50	Skin Irrit. 2 H315 Eye Irrit. 2A H319	[1][2]
VERSENE CAS#: 60-00-4	<20	Acute toxicity, Oral 5 Eye irritation 2A Acute aquatic toxicity 3	[1][2]
Inert material	Balance	N/A	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion

If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview

No specific symptom data available.
See section 2 for further details.

Inhalation

Harmful if inhaled.

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5. Fire-fighting measures

5.1. Extinguishing media

Water fog, CO₂, dry chemical, universal foams

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

Avoid breathing dust / fume / gas / mist / vapors / spray.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus and protective clothing.

ERG Guide No. ---

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

For Large Spills: Flush spill area with water spray. Prevent run-off from entering drains, sewers, or streams, collect run-off.

7. Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Wash thoroughly after handling. Do not breathe vapors or fumes.

Prevention of Fire and Explosion: Keep from contact with oxidizing materials, alkalis and acids. Store away from heat, sunlight and moisture.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Oxidizing agents, alkali metals

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

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8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
7757-83-7	SODIUM SULFITE	OSHA	2 mg/m3
		ACGIH	2 mg/m3
		NIOSH	No Established Limit
		Supplier	No Established Limit
60-00-4	VERSENE	OSHA	2 mg/m3
		ACGIH	2 mg/m3
		NIOSH	No Established Limit
		Supplier	No Established Limit
N/A	Inert material	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
7757-83-7	SODIUM SULFITE	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
60-00-4	VERSENE	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
N/A	Inert material	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory

If engineering controls do not maintain airborne concentrations to an acceptable level, a NIOSH approved respirator must be worn.

Respirator Type: Organic vapor. If respirators are used, a program should be instituted to assure Compliance with OSHA Standard 29 CFR 1910.134.

Eyes

Safety glasses with side shields, goggles or face shield are recommended.

Skin

Wear overalls to keep skin contact to a minimum.

Engineering Controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems,

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or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, evaporation from large surfaces, spraying, heating, etc. Recommended Decontamination Facilities: Eye bath, washing facilities.

Other Work Practices Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	White Powder
Odor	Slight
Odor threshold	Not Measured
pH	Not Measured
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	370 F/188 C
Flash Point	None
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 135C(275F): NA Upper Explosive Limit: 199C(390F): NA
Vapor pressure (Pa)	6 mmHg (at 70 F)
Vapor Density	Not Measured
Specific Gravity	> 2 (H2O = 1)
Solubility in Water	Complete
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	(ASTM D 2155): NA
Decomposition temperature	Not Measured
Viscosity (cSt)	25C/77F: NA
Volatiles (% by weight)	NA
Octanol/Water Partition Coefficient	NA

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

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Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Strong Oxidizers

10.6. Hazardous decomposition products

No hazardous decomposition data available.

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
SODIUM SULFITE (7757-83-7)	2610 mg/kg	No data available	> 5.5 mg/l (Rat)	No data available	No data available
VERSENE (60-00-4)	>2000 mg/kg (Rat)	No data available	No data available	No data available	No data available
Inert material (N/A)	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable

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Aspiration hazard	---	Not Applicable
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12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
SODIUM SULFITE (7757-83-7)	220 - 460 mg/l	Not Available	Not Available
VERSENE (60-00-4)	44.2 - 76.5 mg/L	113 mg/L	Not Available
Inert material (N/A)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable

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guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

The opinions expressed are those of qualified experts within ComStar International Inc. We believe that the information contained is current as of the date of the Material Safety Data Sheet. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of ComStar International Inc., it is the user's obligation to determine the conditions of safe use of the product.

End of Document

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Fire: 0
Health: 1
Reactivity: 0
Specific: 0

Identity: IPC BOIL-A-COIL **F2-5**

Code:

SECTION 1: MANUFACTURER'S NAME & ADDRESS

ComStar Intl. Inc.
20-45 128th STREET
COLLEGE POINT, NY

Emergency Telephone: (718)445-7900
Telephone number for information:(718)445-7900
Preparation Date: 04/08/1997
Signature of Preparer(optional):

SECTION 2: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity)	OSHA PEL	ACGIH TLV	Other Limits	% Optional
Sodium Sulfite CAS # 7757-83-7	2mg/m3	2mg/m3		
Versene CAS # 60-00-4	2mg/m3	2mg/m3		
Sodium Glutmate CAS # 527-07-01	2mg/m3	2mg/m3		

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (°F): Over 500 Degree F
Vapor Pressure@70°F: NA
Vapor Density(Air=1): NA
Solubility in Water: Complete
Appearance & Odor: Off white powder

Specific Gravity (H2o=1): 1.2
Melting Point: Over 800 Degree F
Evaporation Rate:
(Butyl Acetate=1): NA

SECTION 4: FIRE & EXPLOSION HAZARD DATA

Flash Point (°F): None Flammability Limit: LET NA UEL NA

Extinguishing Media: Dry chemicals, CO2, water fog, Universal foams.

Special Firefighting Procedures: Self-contained respiratory protection should be provided for firemen fighting in buildings or confined areas.

Unusual Fire & Explosion Hazards: None known

SECTION 5: REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will not occur
Conditions to Avoid: See below **Conditions to Avoid:** See below
Incompatibility (Material to avoid): Strong oxidizers
Hazardous Decomposition or Products: At extreme high temp. could give off sulfur dioxide gas.

SECTION 6: HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation?** No **Skin?** No **Ingestion?** Yes
Health Hazards (Acute & Chronic): Based on available toxicology information and the chemicals contained in this product no acute or chronic reaction is likely.
Carcinogenity: No **NTP?** No **IARC Monographs?** No **OSHA Regulated?** No
Signs & Symptoms of Exposure: Rash, dizziness, headache, vomiting.
Medical Conditions Generally Aggravated by Exposure: None known.

Emergency & First Aid Procedures: Eyes-hold eyelids open and flush with plenty of water for 15 min. Skin-remove contaminated clothing and wash skin with soap and water. Inhalation-remove to fresh air. Ingestion-Drink plenty of water and get medical attention.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING & USE

Steps to be taken in case Material is Released or Spilled: Sweep, mop or shovel up into appropriate holding container. Can be used again if not contaminated with liquids, dirt or grime.
Waste Disposal Method: Dispose of all waste in accordance with federal, state and local regulations.

Precautions to be taken in Handling & Storage: Keep away from heat, sparks, open flame or direct sunshine. Do not puncture or incinerate.

Other Precautions: Intentional misuse by deliberately concentrating and inhaling vapor contents can be harmful.

SECTION 8: CONTROL MEASURES

Respiratory Protection: Good work practice dictates the use of protective respiratory equipment.
Ventilation: **Local Exhaust:** YES **Special:** NONE
 Mechanical (general): YES **Other:** NONE

Protective Gloves: Polyfluorinated or polyvinyl alcohol or viton.
Eye Protection: Safety goggles or face shield.
Other protective Clothing or Equipment: Plastic or rubber apron.
Work/Hygienic Practices: Wash hands after use.