

## 1. IDENTIFICATION

**Product Identifier****Product Name** BELL TANK TREATMENT SDF**Other means of identification****SDS #** BELL-043**Recommended use of the chemical and restrictions on use****Recommended Use** Fuel additive**Details of the supplier of the safety data sheet****Supplier Address**Bell Performance Inc.  
1340 Bennett Drive  
Longwood, FL 32750**Emergency Telephone Number****Company Phone Number** 407-831-5021**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International) Contract #: 106344  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear amber liquid**Physical State** Liquid**Odor** Mild**Classification**

Dermal toxicity	Cat 1
Oral toxicity	N/A
Aspiration toxicity	N/A
Flammable Liquids	N/A

**OSHA/HCS status**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Hazards Not Otherwise Classified (HNOC)**

None known

**Signal Word**

Danger

**Hazard Statements**

Causes serious eye damage

May cause an allergic skin reaction

**GHS label elements**

**Precautionary Statements**  
**Prevention**

Wear protective gloves. Wear eye or face protection. Avoid breathing vapor. Contaminated work clothing must not be allowed out of the workplace.

**Response**

IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.

**Storage**

Not applicable.

**Disposal**

Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Hazards not otherwise classified**

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/mixture**

Mixture

**Other means of identification**

Not available

**Product code**

Bell Tank Treatment SDF

<b><u>Ingredient Name</u></b>	<b><u>%</u></b>	<b><u>CAS Number</u></b>
Fatty acid derived nonionic surfactant	Proprietary	-
Poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy	9.9	34398-01-1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

*While some substances are claimed as a trade secret in accordance with the provision of OSHA 29 CFR 1910.1200(i), all known hazards are clearly communicated within this document.*

Per Appendix D 1910.1200 OSHA, ranges can be used when there is batch-to-batch variability in a mixture or a trade secret claim.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### 4. FIRST-AID MEASURES

**First Aid Measures****Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 10 minutes. Get medical attention if irritation occurs.

**Skin Contact**

Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Washing clothing before reuse. Clean shoes thoroughly before reuse.

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<b>Inhalation</b>	Remove to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
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<b>Ingestion</b>	Get medical attention immediately. Wash out mouth with water. Remove dentures, if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
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**Most important symptoms and effects, acute and delayed**

**Potential acute health effects**

<b>Eye contact</b>	Causes serious eye damage
<b>Inhalation</b>	No known significant effects or critical hazards.
<b>Skin contact</b>	May cause an allergic skin reaction.
<b>Ingestion</b>	No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

<b>Eye Contact</b>	Adverse symptoms may include the following: Pain, Watering, Redness
<b>Inhalation</b>	No specific data.
<b>Skin contact</b>	Adverse symptoms may include pain, irritation and/or redness; blistering may occur
<b>Ingestion</b>	No specific data.

**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
<b>Specific treatments</b>	No specific treatment.
<b>Protection of first-aiders</b>	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See Toxicological Information (Section 11)

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## 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Use an extinguishing agent suitable for the surrounding fire.

#### Unsuitable Extinguishing Media

None known.

#### Specific Hazards Arising from the Chemical

Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion.

#### Hazardous thermal decomposition products

Decomposition products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxides.

#### Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive-pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

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| <b>For non-emergency personnel</b> | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
| <b>For emergency responders</b>    | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |
| <b>Environmental Precautions</b>   | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  |

### Methods and material for containment and cleaning up

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| <b>Small spill</b> | Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-soluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a license waste disposal contractor. |
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**Large spill**

Stop leak if without risk. Move containers from spill areas. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Protective measures:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Use personal protection recommended in Section 8. Avoid breathing dust/fume/gas/mist/vapors/spray. If during normal use the material present a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse containers.

**Advice on general occupational hygiene:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

**Satisfactory Materials on Construction:** Aluminum 6063, Admiralty brass, Cast Iron - Grey, C-Flex Tubing White, Copper, MDPE Rubber, Fiberglass-Reinforced Plastic (FRP), Hastelloy C-276, Kynar, Monel Alloy 400, Nickel Alloy 200, 6/6 Nylon, Perfluoroalkoxy (PFA), Polycarbonate, Polyethylene-Crosslinked (XLPE), Polyethylene- high density, Polyethylene terephthalate (PET), Polypropylene, PVC - rigid, REHAU Tubing (LDPE), Steel - 304 L Stainless, Steel - 316 L Stainless, C1010 Mild Steel, C1020 Mild Steel, Teflon

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control Parameters**

**Occupational exposure limits**

Ingredient Name	Exposure Limits Absorbed through skin
Fatty acid derived nonionic surfactant	N/A

**Appropriate Engineering Controls**

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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

**Eye/Face Protection**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side shields. Recommended: splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

**Hand Protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body Protection**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other Skin Protection**

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory Protection**

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**Hygiene Measures**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated clothing should not be allowed out of the workplace. Wash contaminate clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>		<b>Odor Threshold</b>	Not Available.
<b>Color</b>	Clear amber		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
pH	Not determined		

<b>Melting Point</b>	< -13 °C / 8.6 °F	
<b>Boiling Point</b>	Decomposes > 150 °C	
<b>Flash Point</b>	>100 °C / 212 °F [Closed Cup]	ASTM D93
<b>Evaporation Rate</b>	Not determined	
<b>Flammability (Solid, Gas)</b>	Not determined	
<b>Upper Flammability Limits</b>	Not determined	
<b>Lower Flammability Limit</b>	Not determined	
<b>Vapor Pressure</b>	Not determined	
<b>Vapor Density</b>	Not determined	
<b>Specific Gravity</b>	0.90	(1=Water)
<b>Water Solubility</b>	Not determined	
<b>Solubility in other solvents</b>	Partially soluble in cold water	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Viscosity</b>	Not determined	
<b>VOC</b>	0% (w/w) [Method 24]	

## 10. STABILITY AND REACTIVITY

### Reactivity

No specific test data related to reactivity available for this product or its ingredients.

### Chemical Stability

Product is stable

### Possibility of Hazardous Reactions

None under normal conditions of storage and use.

### Hazardous Polymerization

Hazardous polymerization does not occur under normal conditions of storage and use.

### Conditions to Avoid

No specific data

### Incompatible Materials

No specific data

### Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Routes of entry anticipated: Dermal, Inhalation

Routes of entry not anticipated: Oral

### Potential acute health effects

**Eye Contact:** Causes serious eye damage

**Inhalation:** No known significant effects or critical hazards

**Skin Contact:** Adverse symptoms may include Pain or Irritation, Redness, Blistering

**Ingestion:** No known significant effects or critical hazards

**Teratogenicity:** Not available. **Specific target organ toxicity (repeated exposure):** Not available.  
**Specific target organ toxicity (single exposure):** Not available. **Aspiration hazard:** Not available.

#### Acute toxicity

Product/ingredient name	Test	Species	Result	Dose
Fatty acid derived nonionic surfactant	- -	Rabbit Rat	LD50 Dermal LD50 Oral	8000 mg/kg >5000 mg/kg

#### Irritation/Corrosion

Product/ingredient name	Test	Species	Result
None available	-	-	

#### Sensitization

Product/ingredient name	Test	Species	Result
Fatty acid derived nonionic surfactant	OECD 406 Skin Sensitization	Mammal - species unspecified	Sensitizing

#### Mutagenicity

Product/ingredient name	Test	Species	Result
None available	-	-	-

#### Carcinogenicity

This product has not been tested unless noted in summary results.

#### Reproductive toxicity

Product/ingredient name	Test	Species	Result	Dose
Not available	-	-	-	-

#### Symptoms related to the physical, chemical and toxicological characteristics:

**Eye Contact:** Adverse symptoms may include Pain, Watering, Redness

**Inhalation:** No specific data

**Skin Contact:** Adverse symptoms may include Pain or Irritation, Redness, Blistering

**Ingestion:** Adverse symptoms may include Stomach Pains

#### Delayed and Immediate Effects (and also chronic effects from short and long term exposure)

Not available.

#### Potential chronic health effects

**General:** Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

**Carcinogenicity:** No known significant effects or critical hazards.

**Mutagenicity:** No known significant effects or critical hazards. **Teratogenicity:** No known significant effects or critical hazards.

**Developmental effects:** No known significant effects or critical hazards.

**Fertility effects:** No known significant effects or critical hazards.



## 12. ECOLOGICAL INFORMATION

### Toxicity

Product/ingredient name	Result	Species	Exposure
Fatty acid derived nonionic surfactant	Acute EC50 7.5 mg/l	Fish	48 hours
	Acute LC50 7.5 mg/l	Daphnia	48 hours
	Acute LC50 4.4 mg/l	Fish	96 hours
	Acute LC50 9.1999 mg/l	Fish	96 hours

### Persistence/Degradability

Persistence	Test	Result
None available	-	-

Degradability	Aquatic half-life	Photolysis	Biodegradability
None available	-	-	-

### Bioaccumulative potential

Product/ingredient name	Log P <sub>ow</sub>	BCF	Potential
None available	-	-	-

### Mobility In Soil

None available.

## 13. DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any byproducts should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**14. TRANSPORT INFORMATION**

	DOT Classification	IMDG	IATA
<b>UN Number</b>	Not regulated	Not regulated	Not regulated
<b>UN proper shipping name</b>	-	-	-
<b>Transport hazard class(es)</b>	-	-	-
<b>Packing group</b>	-	-	-
<b>Environmental hazards</b>	No.	No.	No.
<b>Additional information</b>	No additional information.	No additional information.	The environmentally hazardous substance mark may appear if required by other transportation regulations.

**Special precautions for user:** TRANSPORT WITHIN USER'S PREMISES: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not available

**15. REGULATORY INFORMATION**

**US Federal Regulations**      **United States Inventory (TSCA 8b):** All components are listed or exempted.  
**Clean Water Act (CWA) 307:** dimethylnitrosoamine; selenium; arsenic  
**Clean Water Act (CWA) 311:** di-Methylamine, gas

<b>SARA 302/304 Composition/information on ingredients:</b>		<b>SARA302 TPQ</b>		<b>SARA304 RQ</b>		
<b>Name</b>	<b>%</b>	<b>EHS</b>	<b>TPQ(lbs)</b>	<b>TPQ(gal)</b>	<b>(lbs)</b>	<b>(gallons)</b>
N-nitrosodimethylamine	0.000004505	Yes	1000	118.7	10	1.2

**SARA 304 RQ** = 221975582.7 lbs / 100776914.5 kg [29580493.7 gal / 111974349.5 L]

**SARA 311/312 Classification:** Immediate (acute) health hazard

<b>Name</b>	<b>%</b>	<b>Fire hazard</b>	<b>Sudden release of pressure</b>	<b>Reactive</b>	<b>Immediate (acute) health hazard</b>	<b>Delayed (chronic) health hazard</b>
Fatty acid surf.	Proprietary	No.	No.	No.	Yes.	No.
Poly(oxy-1,2ethanedi..)	9.9	No.	No.	No.	Yes.	No.

**State regulations**

**California Prop. 65**      This product contains less than 0.1% of a chemical known to the State of California to cause cancer.

Ingredient: Arsenic (Cancer = Yes | Reproductive = No)  
 Ingredient: Dimethylnitrosoamine (Cancer = Yes | Reproductive = No)

**Other Regulatory Lists & Information**

<b>CERCLA</b>	Hazardous substances: Dimethylnitrosoamine - 10 lbs (4.54 kg) Arsenic - 1 lb (0.454 kg)
<b>FDA</b>	This product is allowed under FDA (21CFR) sections 176.170
<b>BfR</b>	Limitation: Product must be added prior to or during the sheet-forming process.
<b>FIFRA</b>	All components are listed or exempted.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b> 1	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Special Hazards</b> None
<b><u>HMIS</u></b>	<b>Health Hazards</b> 3	<b>Flammability</b> 0	<b>Physical Hazards</b> 0	<b>Personal Protection</b> Not determined

**Classification according to Directive 67/548/EEC [DSD] or Classification according to Directive 1999/45/EC [DPD]**

<b>Issue Date:</b>	01-Oct-2016
<b>Revision Date:</b>	08-Jan-2018
<b>Revision Note:</b>	Update

**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**