

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision Date: 11/16/2018

SECTION 1: IDENTIFICATION

Product Identifier Product Form: Mixture Product Name: Clean Trac S (AFCO 5560) Product Code: AFCO 5560

Intended Use of the Product

Use of the Substance/Mixture: Synthetic conveyor lubricant for use in bottling plants, dairies, and breweries. For professional use only.

Product Dilution Information: 0.17% - 1.0%

Name, Address, and Telephone of the Responsible Party

Company:

Alex C. Fergusson, LLC. 800 Development Avenue Chambersburg, PA 17201 T: 800-345-1329

www.afcocare.com

Emergency Telephone Number

Emergency Number : 1-800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture Classification (GHS-US)

PRODUCT as SOLD

Acute Tox. 4 (Oral) H302 Skin Corr 1A H314 Eye Dam. 1 H318 Skin Sens. 1 H317 Aquatic Acute 2 H401 Aquatic Chronic 2 H411

PRODUCT at USE DILUTION

Not classified.

Label Elements

PRODUCT as SOLD

GHS-US Labeling Hazard Pictograms (GHS-US)



Signal Word (GHS-US)	: Danger.
Hazard Statements (GHS-US)	: H302 - Harmful if swallowed.
	H314 - Causes severe skin burns and eye damage.
	H317 - May cause an allergic skin reaction.
	H318 - Causes serious eye damage.
	H401 - Toxic to aquatic life.
	H411 - Toxic to aquatic life with long lasting effects.
Precautionary Statements (GHS-US)	: P260 - Do not breathe dusts or mists.
	P261 - Avoid breathing vapors, mist, spray.
	P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
	P270 - Do not eat, drink or smoke when using this product.
	P272 - Contaminated work clothing should not be allowed out of the workplace.

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	P273 - Avoid release to the environment.
	P280 - Wear protective glove, protective clothing, eye protection, face protection.
	P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
	P301+P330+P331 - If swallowed: rinse mouth. Do not induce vomiting.
	P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
	P303+P361+P353 - If on skin: Remove/Take off immediately all conatminated clothing. Rinse skin with water/shower.
	P304+P340- If inhaled: remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P310 - Immediately call a POISON CENTER or doctor/physician.
	P321 - Specific treatment (see section 4).
	P330 - If swallowed, rinse mouth.
	P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
	P363 - Take off contaminated clothing and wash it before reuse.
	P405 - Store locked up.
	P501 - Dispose of contents/container to local, regional, national, territorial, provincial, and international regulations.
PRODUCT at USE DILUTION	
Hazard Pictograms (GHS-US)	: None.
Signal Word (GHS-US)	: None.
Hazard Statements (GHS-US)	: None.

Precautionary Statements (GHS-US) : None.

Other Hazards

Other Hazards Not Contributing to the Classification: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. When heated to decomposition, emits toxic fumes.

Unknown Acute Toxicity (GHS-US) Not available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

<u>Mixture</u>

PRODUCT as SOLD

Name	Product identifier	% (w/w)	Classification (GHS-US)
Water	(CAS No) 7732-18-5	70 - 90	Not classified
Ethoxylated coconut oil alkyl amine	(CAS No) 61791-14-8	5 - 10	Acute Tox. 4 (Oral), H302
			Eye Irrit. 2A, H319
			Aquatic Chronic 2, H411
Sodium nitrite	(CAS No) 7632-00-0	5 - 10	Ox. Sol. 2, H272
			Acute Tox. 3 (Oral), H301
			Eye Irrit. 2A, H319
			Aquatic Acute 1, H400
N-Cis-9-octadecenyl-1,3-propanediamine	(CAS No) 7173-62-8	1 - 5	Acute Tox. 4 (Oral), H302
			Eye Dam. 1, H318
			Skin Sens. 1B, H317
			Aquatic Acute 1, H400
			Aquatic Chronic 1, H410
Octyldimethylamine oxide	(CAS No) 2605-78-9	0.1 - 1	Skin Corr. 1B, H314
			Eye Dam. 1, H318
			Aquatic Acute 1, H400

PRODUCT at USE DILUTION

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Name	Product identifier	% (w/w)	Classification (GHS-US)
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			Eye Irrit. 2A, H319
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			Aquatic Acute 1, H400
			Aquatic Chronic 1, H410

Full text of H-phrases: see section 16.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

PRODUCT as SOLD

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation persists. Wash contaminated clothing before reuse.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

PRODUCT at USE DILUTION:

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). If exposed or concerned: Get medical advice/attention.

Inhalation: Remove to fresh air. Get medical attention if symptoms occur.

Skin Contact: Rinse with plenty of water.

Eye Contact: Rinse with plenty of water.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.

Most Important Symptoms and Effects Both Acute and Delayed

PRODUCT as SOLD

General: Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction.

Inhalation: None under normal and intended conditions of product use.

Skin Contact: Causes severe skin burns. May cause an allergic skin reaction.

Eye Contact: Causes serious eye damage.

Ingestion: Harmful if swallowed. Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: Not available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide, foam, dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not flammable.

Explosion Hazard: Contains an oxidizing material which may accelerate fire.

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Reactivity: Thermal decomposition generates: Corrosive vapors. When heated to decomposition, emits toxic fumes.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Toxic fumes are released. Nitrogen oxides. Sodium oxides. Corrosive vapors.

Other information: Do not allow run-off from fire fighting to enter drains or water courses.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid breathing (vapors, mist, spray). Avoid all contact with skin, eyes, or clothing.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Absorb with noncombustible nmaterials like clay, sand, etc. Contact competent authorities after a spill. Do not take up in combustible material such as: saw dust or cellulosic material.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: When heated to decomposition, emits toxic fumes. Corrosive vapors are released. Contains an oxidizing material which may accelerate fire.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do no eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from extremely high or low temperatures, incompatible materials.

Incompatible Materials: Strong acids. Strong oxidizers. Combustible materials.

Special Rules on Packaging: Keep only in original container.

Synthetic conveyor lubricant for use in bottling plant, dairies, and breweries. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

Exposure Controls

PRODUCT as SOLD

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas. If user operations generate fumes, vapor, spray, 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.

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Personal Protective Equipment: Protective goggles. Protective clothing. Gloves.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or face shield.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: None needed under normal and intended conditions of product use.

Other Information: When using, do not eat, drink or smoke.

PRODUCT at USE DILUTION:

Appropriate Engineering Controls: Ensure adequate ventilation. Product causes slippery surface. Limit excess spray and exposure to floors where there may be traffic.

Personal Protective Equipment: Protective goggles.



Hand Protection: None usually needed.

Eye Protection: Safety goggles.

Skin and Body Protection: None usually needed.

Respiratory Protection: None usually needed.

Thermal Hazard Protection: None usually needed.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Proper	Information on Basic Physical and Chemical Properties					
Physical State	:	Liquid				
Appearance	:	Clear to slightly hazy light amber				
Odor	:	Slight.				
Odor Threshold	:	Not available				
рН	:	10.6 (1%)				
Relative Evaporation Rate (butylacetate=1)	:	Not available				
Melting Point	:	Not available				
Freezing Point	:	Not available				
Boiling Point	:	>100°C (212°F)				
Flash Point	:	None to boiling				
Auto-ignition Temperature	:	Not available				
Decomposition Temperature	:	Not available				
Flammability (solid, gas)	:	Not available				
Lower Flammable Limit	:	Not available				
Upper Flammable Limit	:	Not available				
Vapor Pressure	:	Not available				
Relative Vapor Density at 20 °C	:	Not available				
Specific Gravity	:	1.06				
Solubility	:	Soluble in water.				
Partition coefficient: n-octanol/water	:	Not available				
Viscosity	:	Not available				
Explosion Data – Sensitivity to Mechanical Impact	:	Not expected to present an explosion hazard due to mechanical impact.				

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: Not expected to present an explosion hazard due to static discharge.

Explosion Data – Sensitivity to Static Discharge SECTION 10: STABILITY AND REACTIVITY

Reactivity: Thermal decomposition generates: Corrosive vapors. When heated to decomposition, emits toxic fumes.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Extremely high or low temperatures. Combustible materials. Incompatible materials.

Incompatible Materials: Strong acids. Strong oxidizers.

Hazardous Decomposition Products: Carbon oxides (CO, CO₂). Thermal decomposition generates: Nitrogen oxides. Corrosive vapors. Sodium oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

PRODUCT as SOLD

Acute Toxicity: Harmful if swallowed.

LD50 and LC50 Data: Not available.

Skin Corrosion/Irritation: Causes severe skin burns. (pH(1%): 10.6)

Serious Eye Damage/Irritation: Causes serious eye damage. (pH(1%): 10.6)

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified.

Teratogenicity: Not available.

Carcinogenicity: Not classified.

Specific Target Organ Toxicity (Repeated Exposure): Not classified.

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity (Single Exposure): Not classified.

Aspiration Hazard: Not classified.

Symptoms/Injuries After Inhalation: None needed under normal and intended conditions of product use.

Symptoms/Injuries After Skin Contact: Causes severe skin burns. May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Causes serious eye damage.

Symptoms/Injuries After Ingestion: Harmful if swallowed. Ingestion is likely to be harmful or have adverse effects.

PRODUCT at USE DILUTION:

Acute Toxicity: Not classified.

LD50 and LC50 Data: Not available.

Skin Corrosion/Irritation: None expected under normal use.

Serious Eye Damage/Irritation: None expected under normal use.

Respiratory or Skin Sensitization: Not classified.

Germ Cell Mutagenicity: Not classified.

Teratogenicity: Not available.

Carcinogenicity: Not classified.

Specific Target Organ Toxicity (Repeated Exposure): Not classified.

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity (Single Exposure): Not classified.

Aspiration Hazard: Not classified.

Symptoms/Injuries After Inhalation: None expected under normal use.

Symptoms/Injuries After Skin Contact: None expected under normal use.

Symptoms/Injuries After Eye Contact: Possible irritation.

Symptoms/Injuries After Ingestion: Swallowing a large quantity of this material will result in irritation.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Water (7732-18-5)

LD50 Oral Rat > 90000 mg/kg

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Sodium nitrite (7632-00-0)				
LD50 Oral Rat		180 mg/kg		
LC50 Inhalation Rat (mg/l)		5.5 mg/l/4h		
N-Cis-9-octadecenyl-1,3-prop	panediamine (7173-62-8)			
LD50 Oral Rat		500 mg/kg		
SECTION 12: ECOLOGICA	L INFORMATION			
Toxicity				
Ecology - General: Toxic to ac	quatic life with long lasting eff	fects.		
Sodium nitrite (7632-00-0)				
LC50 Fish 1	0.19 mg/l (Expo	sure time: 96 h - Species: Oncorhynchus mykiss [flow-through])		
LC50 Fish 2	0.092 - 0.13 mg/	/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])		
N-Cis-9-octadecenyl-1,3-prop	panediamine (7173-62-8)			
LC50 Fish 1	0.148 mg/l (Brad	chydanio rerio)		
EC50 Daphnia 1	0.013 mg/l			
Persistence and Degradab	<u>ility</u>			
Clean Trac S (AFCO 5560)				
Persistence and Degradability	/ May cause long-	-term adverse effects in the environment.		
Bioaccumulative Potential	<u> </u>			
Clean Trac S (AFCO 5560)				
	Not established.			
Bioaccumulative Potential				
Sodium nitrite (7632-00-0) Log Pow	-3.7 (at 25°C)			
Sodium nitrite (7632-00-0)				
Sodium nitrite (7632-00-0) Log Pow				
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Safety Data Sheet

14.3 In Accordance with IATA Proper Shipping Name ::::::::::::::::::::::::::::::::::::	Marine pollutant	:	Yes	
Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (sodium nitrite, N-Cis-9- octadecenyl-1_3-propanediamine) Packing Group III Identification Number VN3082 Hazard Class 9 Label Codes 9 ERG Code (IATA) 9L 1.4.4 In Accordance with TDG Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (sodium nitrite, N-Cis-9-octadecenyl 1_3-propanediamine) Packing Group IIII Hazard Class 9 Identification Number UN3082 Label Codes 9 Identification Number UN3082 Label Codes 9 Identification Number UN3082 SECTION 15: REGULATORY INFORMATION US Federal Regulations Clean Trac S (AFCO 5560) SARA Section 311/312 Hazard Classes Insteed on the United States TSCA (Toxic Substances Control Act) inventory. Listed on the United States TSCA (Toxic Substances Control Act) inventory. Listed on the United States TSCA (Toxic Substances Control Act) inventory. Listed on the United States TSCA (Toxic Substances Control Act) inventory. SARA Section 313 (Specifite toxic chemical listings).	-	٩ТА		
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Listed on the United States TSCA (Toxic Substances Control Act) inventory.				j inventory.
	· ·) inventory
	Us State Regulations	SCA (i oxic Substances Control Act	j inventory.

Sodium nitrite (7632-00-0)

U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances.

U.S. - New Jersey - Environmental Hazardous Substances List.

RTK - U.S. - New Jersey - Right to Know Hazardous Substance List.

U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances.

RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List.

RTK - U.S. - Pennsylvania - RTK (Right to Know) List.

U.S. - Texas - Effects Screening Levels - Long Term.

U.S. - Texas - Effects Screening Levels - Short Term.

N-Cis-9-octadecenyl-1,3-propanediamine (7173-62-8)

U.S. - Texas - Effects Screening Levels - Long Term.

U.S. - Texas - Effects Screening Levels - Short Term.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Ethoxylated coconut oil alkyl amine (61791-14-8)			
U.S Texas - Effects Screening Levels	- Long Term.			
U.S Texas - Effects Screening Levels - Short Term.				
Canadian Regulations				
Water (7732-18-5)				
Listed on the Canadian DSL (Domestic Substances List) inventory.				
Sodium nitrite (7632-00-0)				
Listed on the Canadian DSL (Domestic	Substances List) inventory.			
N-Cis-9-octadecenyl-1,3-propanedian				
Listed on the Canadian DSL (Domestic				
Ethoxylated coconut oil alkyl amine (
Listed on the Canadian DSL (Domestic				
Octyldimethylamine oxide (2605-78-9				
Listed on the Canadian DSL (Domestic				
	ON, INCLUDING DATE OF PREPARATION OR LAST REVISION			
Revision date	: 11/16/2018			
Other Information	: This document has been prepared in accordance with the SDS requirements of the OSHA			
	Hazard Communication Standard 29 CFR 1910.1200.			
GHS Full Text Phrases:				
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3.			
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4.			
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1.			
Aquatic Acute 2	Hazardous to the aquatic environment- Acute Hazard Category 2.			
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1.			
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2.			
Eye Dam. 1	Serious eye damage/eye irritation Category 1.			
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A.			
Ox. Sol. 2	Oxidizing solids Category 2.			
Skin Corr. 1B	Skin corrosion/irritation Category 1B.			
Skin Sens. 1B	Skin sensitization Category 1B.			
H272	May intensify fire; oxidizer.			
H301	Toxic if swallowed.			
H302	Harmful if swallowed.			
H314	Causes severe skin burns and eye damage.			
H317	May cause an allergic skin reaction.			
H318	Causes serious eye damage.			
H319	Causes serious eye irritation.			
H400	Very toxic to aquatic life.			
H401	Toxic to aquatic life.			
H410	Very toxic to aquatic life with long lasting effects.			
H411	Toxic to aquatic life with long lasting effects.			
NFPA Health Hazard	2 – Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.			
NFPA Fire Hazard :	0 – Materials that will not burn.			
NFPA Reactivity :	0 - Normally stable, even under fire exposure conditions, and are not reactive with water.			

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

HMIS III Rating

Health	: 2 Moderate Hazard – Temporary or minor injury may occur.
Flammability	: 0 - Minimal Hazard.
Physical	: 0 - Minimal Hazard.

Party Responsible for the Preparation of This Document

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

NA GHS SDS 2015 (U.S., Can., Mex.)