

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

071365204

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

071379288

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

071048248 071048263

**CleanStream**

Product code: 1295-1

## 1. Identification

### Product identifier

CleanStream

### Use of the substance/mixture

Cleaner

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

Company name: Air Techniques, Inc.  
Street: 1295 Walt Whitman Road,  
Place: USA Melville, NY 11747  
Telephone: 516-433-7676  
Responsible Department: Responsible for the safety data sheet: sds@gbk-ingelheim.de

**Emergency phone number:** for US and Canada: 1-800 424-9300 (CHEMTREC)

## 2. Hazard(s) identification

### Classification of the chemical

This mixture is not classified as hazardous in accordance with Regulation 29 CFR 1910.1200(d).

### Label elements

Not required.

### Hazards not otherwise classified

No data available.

## 3. Composition/information on ingredients

### Mixtures

#### **Chemical characterization**

Aqueous preparation of the following substances with non-hazardous admixtures.

#### **Hazardous components**

CAS No	Components	Quantity
26468-86-0	2-Ethylhexanol ethoxylate	3 - 10 %
28348-53-0	Sodium cumene sulfonate	1 - 5 %
64-02-8	tetrasodium ethylene diamine tetraacetate	1 - 3 %

## 4. First-aid measures

### Description of first aid measures

#### **General information**

Remove contaminated soaked clothing immediately.

If threatening unconsciousness, position and transport in recovery position.

In case of breathing difficulties give oxygen.

#### **After inhalation**

Ensure of fresh air.

In the event of persistent symptoms receive medical treatment.

#### **After contact with skin**

In case of contact with skin wash off with soap and water.

Consult a doctor if skin irritation persists.

#### **After contact with eyes**

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

If eye irritation persists consult a physician

#### **After ingestion**

Do not induce vomiting.

Summon a doctor immediately.

**Most important symptoms and effects, both acute and delayed**

OSHA Hazard Communication: This material is not considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

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

Treat symptoms.

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**5. Fire-fighting measures**

**Extinguishing media**

**Suitable extinguishing media**

Foam, Dry powder, Carbon dioxide, Sand.

**Unsuitable extinguishing media**

Full water jet.

**Specific hazards arising from the chemical**

Combustion gases of organic material are usually classified as respiratory toxins.

**Special protective equipment and precautions for fire-fighters**

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases can only be done with breathing apparatus.

**Additional information**

Cool containers at risk with water spray jet.

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**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

Keep away from heat and sources of ignition.

Attention. Hazard of skidding.

**Environmental precautions**

Do not discharge into the drains or bodies of water.

Prevent spread over a wide area (e.g. by containment or oil barriers).

Do not discharge into the subsoil/soil.

**Methods and material for containment and cleaning up**

Take up with absorbent material.

Send in suitable containers for recovery or disposal.

After taking up the material dispose according to regulation.

**Reference to other sections**

Information for safe handling look up chapter 7.

Information for personal protective equipment look up chapter 8.

Information for disposal look up chapter 13.

Information for specific national regulations see section 15.

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**7. Handling and storage**

**Precautions for safe handling**

**Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice.

When using do not eat or drink.

Avoid contact with the skin and the eyes.

Do not breathe vapours or spray mist.

Wash hands before breaks and at the end of workday.

**Advice on protection against fire and explosion**

Usual measures for fire prevention.

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

**Requirements for storage rooms and vessels**

Keep containers tightly closed in a dry, well-ventilated place.

Protect from heat and direct solar radiation.

**Advice on storage compatibility**

No information available.

## 8. Exposure controls/personal protection

### Control parameters

### Exposure controls

#### **Protective and hygiene measures**

Handle in accordance with good industrial hygiene and safety practices.  
Avoid contact with the skin.  
Cloths contaminated with product should not be kept in trouser pockets.  
At work do not eat, drink, smoke or take drugs.  
Before work use solvent-resistant skin protection preparation.

#### **Eye/face protection**

Safety goggles

#### **Hand protection**

Gloves made of nitrile. Neoprene gloves  
Glove material must be impermeable and resistant against product / substance / preparation. Gloves material should comply with breakthrough times, permeation rates, and degradation.  
Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

#### **Skin protection**

Light protective clothing

#### **Respiratory protection**

Not required under normal use.

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## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state:	Liquid
Color:	Clear Blue green
Odor:	Aromatic
pH-Value:	7.0-8.0
pH-Value (2% Solution):	7.0-8.0

### **Changes in the physical state**

Melting point/freezing point:	No information available.
Initial boiling point and boiling range:	>100 °C
Flash point:	Not applicable.
Flammability	No information available.
Explosive properties	No information available.
Lower explosion limits:	No information available.
Ignition temperature:	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature:	No information available.
Oxidizing properties	No information available.
Vapor pressure:	No information available.
Density (at 20 °C):	1.0 g/cm <sup>3</sup>
Water solubility:	Completely soluble
Solubility in other solvents	No information available.
Partition coefficient:	No information available.
Viscosity / dynamic:	No information available.
Viscosity / kinematic:	No information available.
Vapor density:	No information available.
Evaporation rate:	No information available.

### Other information

No information available.

## 10. Stability and reactivity

### Reactivity

No data available.

### Chemical stability

Stability: Stable

Chemically stable.

### Possibility of hazardous reactions

Hazardous reactions: Will not occur

No data available.

### Conditions to avoid

To avoid thermal decomposition, do not overheat.

### Incompatible materials

Not known.

### Hazardous decomposition products

Carbon monoxide and carbon dioxide

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## 11. Toxicological information

### Information on toxicological effects

#### **Route(s) of Entry**

Skin and eye contact, inhalation and ingestion.

#### **Acute toxicity**

Based on available data, the classification criteria are not met.

CAS No	Components				
	Exposure route	Method	Dose	Species	Source
28348-53-0	Sodium cumene sulfonate				
	oral	LD50	> 7000 mg/kg	Rat	
	dermal	LD50	> 2000 mg/kg	Rabbit	
64-02-8	tetrasodium ethylene diamine tetraacetate				
	oral	ATE	500 mg/kg		
	inhalative vapour	ATE	11 mg/l		
	inhalative aerosol	ATE	1.5 mg/l		

#### **Irritation and corrosivity**

Based on available data, the classification criteria are not met.

Eye irritation (rabbit): Non-irritant, OECD 405.

#### **Sensitizing effects**

Based on available data, the classification criteria are not met.

#### **Specific target organ toxicity (STOT) - single exposure**

Based on available data, the classification criteria are not met.

#### **Severe effects after repeated or prolonged exposure**

Based on available data, the classification criteria are not met.

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

#### **Aspiration hazard**

Based on available data, the classification criteria are not met.

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## 12. Ecological information

**Ecotoxicity**

No data available.

**Persistence and degradability**

No data available.

**Bioaccumulative potential**

No data available.

**Mobility in soil**

No data available.

**Other adverse effects**

No data available.

**Further information**

Do not flush into surface water or sanitary sewer system.  
Hazardous water pollutant.

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**13. Disposal considerations**

**Waste treatment methods**

**Advice on disposal**

Where possible recycling is preferred to disposal.  
Waste disposal according to local regulations.

**Contaminated packaging**

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.  
Waste disposal according to local regulations.

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**14. Transport information**

**US DOT 49 CFR 172.101**

**Proper shipping name:** Not regulated.

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**15. Regulatory information**

**U.S. Regulations**

**National Inventory TSCA**

All of the components are listed on the TSCA inventory.

**National regulatory information**

SARA Section 311/312 Hazards:

2-Ethylhexanol ethoxylate (26468-86-0): Immediate (acute) health hazard

Sodium cumene sulfonate (28348-53-0): Immediate (acute) health hazard

tetrasodium ethylene diamine tetraacetate (64-02-8): Immediate (acute) health hazard

**SARA**

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

**State Regulations**

**Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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**16. Other information**

**Hazardous Materials Information Label (HMIS)**

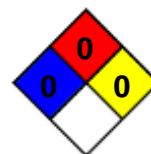
Health:	0
Flammability:	0
Physical Hazard:	0

**CleanStream**

Product code: 1295-1

**NFPA Hazard Ratings**

Health: 0  
Flammability: 0  
Reactivity: 0  
Unique Hazard:



**Changes**

Revision date: 09.06.2016  
Revision No: 1,1  
Changes in section: 1 - 16.

**Abbreviations and acronyms**

IMDG = International Maritime Code for Dangerous Goods  
IATA/ICAO = International Air Transport Association / International Civil Aviation Organization  
MARPOL = International Convention for the Prevention of Pollution from Ships  
DOT = Department of Transportation  
TDG = Transport of Dangerous Goods

GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
CAS = Chemical Abstract Service  
ISO = International Organization for Standardization  
LD = Lethal dose  
LC = Lethal concentration  
EC = Effect concentration  
IC = Median immobilisation concentration or median inhibitory concentration

**Other data**

The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions.  
The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.  
The delivery specifications are contained in the corresponding product sheet.  
This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.  
(n.a. = not applicable; n.d. = not determined)

Concawe Report 5/87 Health Aspects of Lubricants DGMK-Bericht 400-7.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*