1. Identification

**Product identifier**
CleanStream

**Use of the substance/mixture**
Cleaner

**Details of the supplier of the safety data sheet**

<table>
<thead>
<tr>
<th>Company name:</th>
<th>Air Techniques, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street:</td>
<td>1295 Walt Whitman Road,</td>
</tr>
<tr>
<td>Place:</td>
<td>USA Melville, NY 11747</td>
</tr>
<tr>
<td>Telephone:</td>
<td>516-433-7676</td>
</tr>
<tr>
<td>Responsible Department:</td>
<td>Responsible for the safety data sheet: <a href="mailto:sds@gbk-ingelheim.de">sds@gbk-ingelheim.de</a></td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Components</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>26468-86-0</td>
<td>2-Ethylhexanol ethoxylate</td>
<td>3 - 10 %</td>
</tr>
<tr>
<td>28348-53-0</td>
<td>Sodium cumene sulfonate</td>
<td>1 - 5 %</td>
</tr>
<tr>
<td>64-02-8</td>
<td>tetrasodium ethylene diamine tetraacetate</td>
<td>1 - 3 %</td>
</tr>
</tbody>
</table>

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.

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.

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.

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.

9. Physical and chemical properties

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Clear Blue green</td>
</tr>
<tr>
<td>Odor</td>
<td>Aromatic</td>
</tr>
<tr>
<td>pH-Value</td>
<td>7.0-8.0</td>
</tr>
<tr>
<td>pH-Value (2% Solution)</td>
<td>7.0-8.0</td>
</tr>
</tbody>
</table>

**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/cm³
- 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

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.

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

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.

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.

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.

14. Transport information

US DOT 49 CFR 172.101
Proper shipping name: Not regulated.

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.

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.)