# SCREW-XL-FG

Food Grade Rotary Screw Lubricant

# Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03.

#### 1. Identification

| Product identifier                               |   |  |
|--|---|--|
| Trade name                                       | SCREW-XL-FG   |  |
| Product description                              | Food Grade Rotary Screw Lubricant   |  |
| Details of the supplier of the safety data sheet |   |  |
| Manufacturer/supplier                            | Compressed Air USA<br>14600 Duval Place West, Unit 30 - Jacksonville, FL 32218<br>+1 904-548-6200 |  |
| Emergency telephone number                       | +1 904-548-6200   |  |

# 2. Hazard(s) Identification

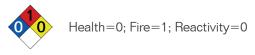
Classification of the substance or mixture The substance is not classified according to the Globally Harmonized System (GHS).

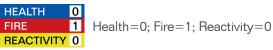
Label elements GHS label elements Hazard pictograms Signal word Hazard statements Classification System

NFPA ratings (scale 0-4)

HMIS-ratings (scale 0 - 4)

Non-regulated material Non-regulated material Non-regulated material Non-regulated material







# 3. Composition / Information on Ingredients

| Chemical characterization | Mixtures   |
|---------------------------|--|
| Description               | Mixture of the substances listed below with nonhazardous additions |
| Dangerous Components      | Non-regulated material   |

#### 4. First-aid Measures

#### Description of first aid measures

| General information  | No special measures required  |
|--|---|
| After inhalation   | Supply fresh air; consult doctor in case of complaints  |
| After skin contact   | Generally the product does not irritate the skin  |
| After eye contact  | Rinse opened eye for several minutes under running water  |
| After swallowing   | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.<br>Treat symptomatically. |
| Most important symptoms and effects, both acute and delayed                | No further relevant information available   |
| Indication of any immediate medical attention and special treatment needed | No further relevant information available   |

### 5. Fire-fighting Measures

#### Extinguishing media

| Suitable extinguishing agents                         | CO <sub>2</sub> or Powder. Water mist to cool, no direct water spray. Collect spillage.   |
|---|---|
| Special hazards arising from the substance or mixture | No further relevant information available   |
| Advice for firefighters                               |   |
| Protective equipment                                  | As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes. |

# 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Environmental precautions Methods and material for containment and cleaning up

Reference to other sections

Not required

No special measures required

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust). Dispose of the collected material according to regulations.

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.



# 7. Handling and Storage

| Precautions for safe handling                             | No special measures required              |
|---|---|
| Information about protection against explosions and fires | No special measures required              |
| Conditions for safe storage, including                    | any incompatibilities                     |
| Storage   |   |
| Requirements to be met by storerooms and receptacles      | No special requirements                   |
| Information about storage in one common storage facility  | Not required                              |
| Further information about storage conditions              | None                                      |
| Specific end use(s)                                       | No further relevant information available |

# 8. Exposure Controls / Personal Protection

| Additional information about design of technical systems | No further data; see section 7   |  |
|--|--|--|
| Control parameters                                       |  |  |
| Components with occupational<br>exposure limits          | The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace        |  |
| Additional information                                   | The lists that were valid during the creation were used as basis   |  |
| Exposure controls  |  |  |
| Personal protective equipment                            |  |  |
| General protective and<br>hygienic measures              | The usual precautionary measures for handling chemicals should be followed   |  |
| Breathing equipment                                      | Normally not necessary. If mist is generated, wear approved organic vapor respirator suitable for oil mist areas with sufficient oxygen. |  |
| Protection of hands                                      | Normally none required, for direct contact of more than 2 hours, PVC, Viton, or Nitrile gloves are recommended.                          |  |
| Material of gloves                                       | Not required   |  |
| Penetration time of glove material                       | Not applicable   |  |
| Eye protection   | Normally none required, chemical goggles if splashing is likely or high pressure systems are used.                                       |  |

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# 9. Physical and Chemical Properties

Information on basic physical and chemical properties

#### General Information

Appearance Form Color Odor Odor Threshold pH-value Change in condition Melting point/Melting range Boiling point/Boiling range Flash Point Flammability (solid/gaseous) Ignition temperature Decomposition temperature Auto-igniting Danger of explosion **Explosion** limits Lower Upper Vapor Pressure @ 20 DEG C Density @ 20 DEG C **Relative Density** Vapor Density **Evaporation Rate** Solubility in/Miscibility with Water Partition coefficient (n-octanol/water) Viscosity Viscosity - Dynamic Viscosity - Kinematic Solvent content Organic solvents Other Information

Liquid See product Mild Not determined Not determined Not applicable >570°F (>298°C) >500°F (>221°C) Not applicable Not determined Not determined Not determined Not determined Not determined <0.003 kPa 0.85-0.88 Not determined Not determined Not determined Not miscible Not determined 129 cps

150 cSt

0.00% No further information



# 10. Stability and Reactivity

| Reactivity                                       | No further relevant information available            |
|--|--|
| Chemical stability                               | Stable under normal conditions                       |
| Thermal decomposition / conditions to be avoided | No decomposition if used according to specifications |
| Possibility of hazardous reactions               | No dangerous reactions known                         |
| Conditions to avoid                              | No further relevant information available            |
| Incompatible materials                           | No further relevant information available            |
| Hazardous decomposition products                 | No dangerous decomposition products known            |
|  |  |

### 11. Toxicological Information

#### Information on toxicological effects

| Acute toxicity   |  |
|--|--|
| Primary irritant effect                                  |  |
| On the skin  | No irritating effect   |
| On the eye   | No irritating effect   |
| Additional toxicological information                     | The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.   |
| Carcinogenic categories                                  |  |
| IARC (International Agency for<br>Research on Cancer)    | None of the ingredients are listed.<br>Group 1 - Carcinogenic to humans<br>Group 2A - Probably carcinogenic to humans<br>Group 2B - Possibly carcinogenic to humans<br>Group 3 - Not classifiable as to its carcinogenicity to humans<br>Group 4 - Probably not carcinogenic to humans |
| NTP (National Toxicology Program)                        | None of the ingredients are listed   |
| OSHA-Ca (Occupational Safety<br>& Health Administration) | None of the ingredients are listed   |

# 12. Ecological Information

| Additional ecological information |
|-----------------------------------|
| Mobility in soil                  |
| Bioaccumulative potential         |
| Persistence and degradability     |
| Aquatic toxicity                  |
| loxicity                          |

No data is available on this product No further relevant information available No further relevant information available No further relevant information available



# 12. Ecological Information (continued)

General notesGenerally not hazardous for waterResults of PBT and vPvB assessmentVestPBTNot applicablevPvBNot applicableOther adverse effectsNo further relevant information available

### 13. Disposal Considerations

#### Waste treatment methods

| Recommendation       | Smaller quantities can be disposed of with household waste. Recycle or dispose with household trash. |
|----------------------|--|
| Uncleaned packagings |  |
| Recommendation       | Disposal must be made according to official regulations.   |

#### 14. Transportation Information

| UN-Number   |                        |
|---|------------------------|
| dot, adn, imdg, iata  | Non-regulated material |
| ADR   | Non-regulated material |
| UN proper shipping name   |                        |
| dot, Adr, Adn, Imdg, Iata   | Non-regulated material |
| Transport hazard class(es)  |                        |
| dot, Adr, Adn, Imdg, Iata   |                        |
| Class   | Non-regulated material |
| Packing group   |                        |
| DOT, ADR, IMDG, IATA  | Non-regulated material |
| Environmental hazards   |                        |
| Marine pollutant  | No                     |
| Special precautions for user  | Not applicable         |
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable         |
| UN "Model Regulation"   | _                      |



# 15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture Sara

| Gala  |  |
|---|--|
| Section 355 (extremely<br>hazardous substances)                     | None of the ingredients are listed                           |
| Section 313 (Specific toxic chemical listings)                      | None of the ingredients are listed                           |
| TSCA (Toxic Substances Control Act)                                 | All components are either listed or not regulated under TSCA |
| Carcinogenic categories   |  |
| EPA (Environmental Protection Agency)                               | None of the ingredients are listed                           |
| TLV (Threshold Limit Value established by ACGIH)                    | None of the ingredients are listed                           |
| NIOSH-Ca (National Institute for<br>Occupational Safety and Health) | None of the ingredients are listed                           |
| GHS label elements  | Non-regulated material                                       |
| Hazard pictograms   | Non-regulated material                                       |
| Signal word   | Non-regulated material                                       |
| Hazard statements   | Non-regulated material                                       |
| National regulations  | Non-regulated material                                       |
| State Right to Know   | Non-regulated material                                       |
| Chemical safety assessment  | A Chemical Safety Assessment has not been carried out.       |
|   |  |



# 16. Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

Date of preparation / last revision

02/19/2016 / 1

| Abbreviations and acronyms | <ul> <li>ADR: Accord européen sur le transport des marchandises dangereuses par Route<br/>(European Agreement concerning the International<br/>Carriage of Dangerous Goods by Road)</li> <li>ADN: The European Agreement concerning the International Carriage of Danger-<br/>ous Goods by Inland Waterways</li> <li>IMDG: International Maritime Code for Dangerous Goods</li> <li>DOT: US Department of Transportation</li> <li>IATA: International Air Transport Association</li> <li>ACGIH: American Conference of Governmental Industrial Hygienists</li> <li>EINECS: European Inventory of Existing Commercial Chemical Substances</li> <li>ELINCS: European List of Notified Chemical Substances</li> <li>CAS: Chemical Abstracts Service (division of the American Chemical Society)</li> <li>NFPA: National Fire Protection Association (USA)</li> </ul> |
|----------------------------|---|
|                            | HMIS: Hazardous Materials Identification System (USA)   |

