

SAFETY DATA SHEET

1. Identification of the Substance/Mixture and of the Company/ Undertaking

Product Name: LEO Product Code: BRLEONON04,BLEONON05,BRLEONON55

Company Name: Randall Industries, LLC
4565 Hemlock Road
Cherry Tree, PA 15724

Phone: 814-743-6630
Emergency 24 hour: 1-800-535-5053

Proper Shipping Name: Not Regulated
Identification No: Not Applicable
Hazard Class: Not Applicable
Generic Description: Floor Cleaner

2. Hazards Identification

GHS Classification

Not a hazardous substance or mixture.

GHS Label Elements

Not a hazardous substance or mixture.

Potential Health Effects Carcinogenicity:

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

3 Composition / Information on Ingredients

Substance / Mixture

| Chemical Name | CAS-No. | Concentration [%] |
|--------------------------------|-------------|-------------------|
| Water | 7732-18-53 | < 75% |
| Alcohols, C9-11, ethoxylated | 68439-46-3 | >= 1 - < 5 |
| 2-Butoxyethanol | 111-76-2 | <1% |
| Proprietary anionic surfactant | proprietary | <1% |
| Fragrance and coloring agents | n/a | <0.1% |

4 First Aid Measures

| | |
|-------------------------|--|
| If inhaled | If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician. |
| In case of skin contact | In case of contact, immediately flush skin with plenty of water. Take off contaminated clothing and shoes immediately. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use. Wash off immediately with plenty of water for at least 15 minutes. |
| In case of eye contact | : Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist. Rinse immediately with plenty of water for at least 15 minutes. |
| If swallowed | Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. DO NOT induce vomiting unless directed to do so by a physician or poison control center. |
| General advice | Do not leave the victim unattended. |

5 Firefighting Measures

| | |
|---|---|
| Suitable extinguishing media | Dry chemical Carbon dioxide (CO ₂) Alcohol-resistant foam Water spray jet High volume water jet |
| Unsuitable extinguishing media | |
| Specific hazards during firefighting | Do not allow run-off from fire fighting to enter drains or water courses. |
| Hazardous combustion products | Carbon dioxide (CO ₂) Carbon monoxide |
| Specific extinguishing methods | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Further information | Standard procedure for chemical fires. |
| Special protective equipment for firefighters | Wear self-contained breathing apparatus for firefighting if necessary. |

6 Accidental Release Measures

| | |
|---|--|
| Personal precautions, protective equipment and emergency procedures | Use personal protective equipment. Ensure adequate ventilation. Refer to protective measures listed in sections 7 and 8. |
| Environmental precautions | Prevent further leakage or spillage. Clean contaminated floors and objects thoroughly while observing environmental regulations. |
| Methods and materials for containment and cleaning up | Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up or vacuum up spillage and collect in suitable container for disposal. |

7 Handling and Storage

| | |
|-----------------------------|--|
| Advice on safe handling | For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. |
| Conditions for safe storage | Electrical installations / working materials must comply with the technological safety standards. |
| Materials to avoid | Keep away from oxidising agents and strongly acid or alkaline materials. |

8 Exposure Control and Personal Protection

Components with workplace control parameters

2-Butoxyethanol 111-76-2

Personal protective equipment

| | |
|--------------------------|--|
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment. |
| Hand protection Remarks | For prolonged or repeated contact use protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves. |
| Eye protection | Safety glasses Ensure that eyewash stations and safety showers are close to the workstation location. |
| Skin and body protection | Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place. |
| Hygiene measures : | General industrial hygiene practice. |

9 Physical and Chemical Properties

| | |
|---------------------------------|-------------------------------|
| Appearance/Physical State: | Liquid |
| Color: | Red |
| Odor: | Citrus |
| pH: | 6.0-8.0 |
| Melting Point / Freezing Point: | 41 (5) |
| Boiling Point / Boiling Range: | >212 (>100) |
| Flash Point: | None to Initial Boiling Point |
| Evaporation Rate: | No data available. |
| Upper Flammability Limit: | No data available. |
| Lower Flammability Limit: | No data available. |
| Vapor Pressure: | <1 |
| Vapor Density: | >1 |
| Solubility(ies): in water | 100% Complete |
| Partition Coefficient: | No data available. |
| Autoignition Temperature: | No data available. |
| Decomposition Temperature: | No data available. |
| Viscosity: | Water like |

10 Stability and Reactivity

| | |
|------------------------------------|---|
| Reactivity | Stable |
| Possibility of hazardous reactions | Stable under recommended storage conditions. |
| Conditions to avoid | No hazards to be specially mentioned. |
| Incompatible materials | no data available |
| | Acids and bases |
| | Oxidizing agents |
| Hazardous decomposition products | No decomposition if stored and applied as directed. |

11 Toxicological Information

Acute toxicity

Based on data collected from individual components of the mixture this product would not be considered acutely toxic

Skin corrosion/irritation

Product:

Remarks: May cause mild skin irritation and/or dermatitis.

Product:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

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.

Product:

Regulation

40 CFR Protection of Environment; Part 82
Protection of Stratospheric Ozone - CAA
Section 602 Class I Substances

Remarks

This product neither contains, nor was
manufactured with a Class I or Class II ODS
as defined by the U.S. Clean Air Act Section
602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information

no data available

13 Disposal Information

Disposal of Wastes:

Contaminated packaging

Dispose of in accordance with local regulations.
Empty containers should be taken to an
approved waste handling site for recycling or
disposal.

14 Transport Information

Transportation Regulation: 49 CFR (USA):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IMDG (Vessel):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Cargo Air):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Passenger Air):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: TDG (Canada):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

15 Regulatory Information

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Reportable Quantity : 2-Butoxyethanol 1,000 lbs

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards

Alcohols, C9-11, ethoxylated 68439-46-3
EPA SARA Title III Section 312 (40 CFR 370)
Hazard Classification Acute Health Hazard

SARA 302

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

SARA 313: If the reportable quantity of this product is accidentally spilled, the incident is subject to the provisions of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and must be reported to the National Response Center by calling (800) 424-8802.

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

| | |
|--------------|--|
| TSCA | On TSCA Inventory |
| DSL | This product contains one or several components that are not on the Canadian DSL nor NDSL. |
| AICS | Not in compliance with the inventory |
| NZIoC | Not in compliance with the inventory |
| PICCS | Not in compliance with the inventory |

Inventory Acronym and Validity Area Legend:

AICS (Australia), DSL (Canada), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

16 Other Information

| | | | | |
|-------------|--------------------------|------------------------|----------------------------|---------------------|
| NFPA | Health Hazards: 0 | Flammability: 0 | Instability: 0 | Special: N/A |
| HMIS | Health Hazards: 0 | Flammability: 0 | Physical Hazards: 0 | |

Disclaimer:

The information provided in this Material 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 2/16/17
