

Revision Date 13-Jan-2020

Revision Number 1

1. IDENTIFICATION

Product identifier

Product Name ALKOSYNT ID 30

Other means of identification Not available

Recommended use of the chemical and restrictions on use

Recommended Use Industrial use

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address
OXITENO USA, LLC
3200 Southwest Freeway
Suite 1200
Houston, TX 77027

Emergency telephone number

Company Phone Number (346) 718-6200

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|-----------------------------------|------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 1 |

Label elements

Danger

Causes skin irritation
Causes serious eye damage



| | |
|-------------------------|------------------------------|
| Appearance clear | Physical state Liquid |
|-------------------------|------------------------------|

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/eye protection/face protection

Precautionary statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor
IF ON SKIN: Wash with plenty of water and soap
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse

Other hazards which do not result in classification

Harmful to aquatic life

Hazards not otherwise classified (HNOC)

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

| Chemical name | CAS No | Weight-% | Trade secret |
|---|------------|----------|--------------|
| Alcohols, C9-11-iso-, C10-rich, ethoxylated | 78330-20-8 | 60 - 100 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

| | |
|---|--|
| General advice | Immediate medical attention is required. Show this safety data sheet to the doctor in attendance. |
| Inhalation | Remove to fresh air. Get medical attention immediately if symptoms occur. |
| Eye contact | Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. |
| Skin contact | Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician. |
| Self-protection of the first aider | Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8). |

Most important symptoms and effects, both acute and delayed

Symptoms Burning sensation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

| | |
|---|--|
| Suitable Extinguishing Media | Dry chemical, CO ₂ , water spray or alcohol-resistant foam. |
| Unsuitable extinguishing media | CAUTION: Use of water spray when fighting fire may be inefficient. |
| Specific hazards arising from the chemical | Not flammable. |
| Hazardous combustion products | Carbon oxides. |
| Special protective equipment for fire-fighters | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

| | |
|---------------------------------|--|
| Personal precautions | Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. |
| Other Information | Refer to protective measures listed in Sections 7 and 8. |
| For emergency responders | Use personal protection recommended in Section 8. |

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

| | |
|--|--|
| Methods for containment | Prevent further leakage or spillage if safe to do so. |
| Methods for cleaning up | Pick up and transfer to properly labeled containers. |
| Prevention of secondary hazards | Clean contaminated objects and areas thoroughly observing environmental regulations. |

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

| | |
|----------------------------|--|
| Storage Conditions | Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. |
| Packaging materials | carbon steel with internal phenolic coating. |

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Hand protection Wear suitable gloves. Impervious gloves. PVC (polyvinyl chloride). Rubber gloves.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. PVC apron. Protective shoes or boots.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid @25 °C
Appearance clear
Color Yellowish
Odor No information available
Odor threshold No information available

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|---|--|-------------------------|
| pH | 6.5 - 8.0 | 1% w/w in water @25 °C |
| Melting point / freezing point | 8 °C / 46 °F | |
| Boiling point or initial boiling point and boiling range | > 190 °C / 374 °F | |
| Flash point | > 100 °C / 212 °F | Cleveland Open Cup |
| Evaporation rate | No data available | |
| Flammability | No data available | |
| Flammability Limit in Air | | |
| Upper flammability limit: | No data available | |
| Lower flammability limit: | No data available | |
| Vapor pressure | < 0.1 | mmHg @20 °C |
| Relative vapor density | No data available | |
| Density and/or relative density | 0.890 - 0.930 g/cm ³ @25 °C | |
| Water solubility | Insoluble in water | |
| Solubility in other solvents | No data available | |
| Partition Coefficient | No data available | |

| | |
|----------------------------------|--------------------------|
| (n-octanol/water) | |
| Autoignition temperature | No data available |
| Decomposition temperature | No data available |
| Kinematic viscosity | 33 - 42 cSt @25 °C |
| Dynamic viscosity | No data available |
| Particle characteristics | No information available |

Other Information

| | |
|-------------------------|--------------------------|
| Molecular weight | No information available |
| VOC Content (%) | No information available |
| Bulk density | No information available |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Reactivity | No information available. |
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | None under normal processing. |
| Hazardous polymerization | Hazardous polymerization does not occur. |
| Conditions to avoid | Extremes of temperature and direct sunlight. Keep away from open flames, hot surfaces and sources of ignition. Exposure to air or moisture over prolonged periods. |
| Incompatible materials | Strong acids. Strong bases. Strong oxidizing agents. |
| Hazardous decomposition products | Carbon oxides. |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

| | |
|---------------------|--|
| Inhalation | Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. |
| Eye contact | Specific test data for the substance or mixture is not available. Severely irritating to eyes. Causes serious eye damage. May cause burns. May cause irreversible damage to eyes. (based on components). |
| Skin contact | Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components). |
| Ingestion | Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

Symptoms related to the physical, chemical and toxicological characteristics

| | |
|-----------------|---|
| Symptoms | Redness. Burning. May cause blindness. May cause redness and tearing of the eyes. |
|-----------------|---|

Acute toxicity

| | |
|-------------------------------|--------------------------|
| Unknown acute toxicity | No information available |
|-------------------------------|--------------------------|

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|--|--|
| Skin corrosion/irritation | Classification based on data available for ingredients. Irritating to skin. Severely irritating (500 µL, 24h, rabbit). |
| Serious eye damage/eye irritation | Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes. Moderately to severely irritating (100 µL, 24h, rabbit). |
| Respiratory or skin sensitization | No information available. |
| Germ cell mutagenicity | No information available. |
| Carcinogenicity | No information available. |
| Reproductive toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Aspiration hazard | No information available. |

12. ECOLOGICAL INFORMATION

Ecotoxicity Harmful to aquatic life.

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|--|----------------------|------|----------------------------|---|
| Alcohols, C9-11-iso-, C10-rich, ethoxylated 78330-20-8 | - | - | - | EC50, 48h, Daphnia magna: 57.4 mg/L (immobility). |

| | |
|--------------------------------------|---|
| Persistence and degradability | Expected to be biodegradable. |
| Bioaccumulative potential | It is not expected to bioaccumulate in the environment. |
| Mobility in soil | No information available. |
| Other adverse effects | No information available. |

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

| | |
|--|---|
| Waste from residues/unused products | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| Contaminated packaging | Do not reuse empty containers. |

14. TRANSPORT INFORMATION

| | |
|-------------|---------------|
| <u>DOT</u> | Not regulated |
| <u>IATA</u> | Not regulated |
| <u>IMDG</u> | Not regulated |

15. REGULATORY INFORMATION

International Inventories

| | |
|----------------------|-----------------|
| TSCA | Complies |
| DSL | Complies |
| NDSL | Does not comply |
| EINECS/ELINCS | Does not comply |
| ENCS | Complies |
| IECSC | Complies |
| KECL | Complies |
| PICCS | Complies |
| AICS | Complies |
| NZIoC | Complies |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

| | |
|--|-----|
| Acute health hazard | Yes |
| Chronic Health Hazard | No |
| Fire hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

| Chemical name | California Proposition 65 |
|--------------------------|---|
| 1,4-Dioxane - 123-91-1 | Carcinogen |
| Ethylene oxide - 75-21-8 | Carcinogen Developmental Female Reproductive Male Reproductive |

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|---------------------------|------------|---------------|--------------|
| 1,4-Dioxane 123-91-1 | X | X | X |
| Ethylene oxide 75-21-8 | X | X | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA Health hazards 3 Flammability 1 Instability 0 Physical and chemical properties -
HMIS Health hazards 3 Flammability 1 Physical hazards 0 Personal protection X

Revision Date 13-Jan-2020

206119

Revision Note No information available.

Disclaimer

The information provided in this 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