

Keratin Healing Oil Lustrous Finishing Spray


SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: Lanza Keratin Healing Oil Finishing Spray
Product Number: 24010
Company Information: Davexlabs LLC
720 Wiltshire Blvd, Suite 200
Santa Monica, CA 90401
Company Phone: 1-310-393-5227
Emergency Telephone: 1-866-836-8855
Version: 01
Recommended Use: PERSONAL CARE
Recommended Restrictions: DO NOT USE IN A MANNER INCONSISTENT WITH THE LABEL

2. HAZARD IDENTIFICATION

Physical Hazards: Flammable Aerosols, Category 1
Health Hazards: Not Classified

Label Elements: 

Signal Word: DANGER
Hazard Statement: Extremely flammable aerosol.
Precautionary Statement: Precautions: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.
Response: Wash hands after handling.
Storage: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Disposal: Dispose of waste and residues in accordance with local authority requirements.

Supplemental Information: None.
Hazard(s) not otherwise classified (HNOC): None Known

3. COMPOSITION/INFORMATION ON INGREDIENTS

| HAZARDOUS INGREDIENT(S) | CAS NUMBER | WEIGHT% |
|-------------------------|------------|----------|
| 1,1-Difluoroethane | 75-37-6 | 40 – 60% |
| Ethanol | 64-17-5 | 40 – 60% |

Other components below reportable levels 2.5 – 10%

EXACT PERCENTAGES ARE BEING WITHHELD AS TRADE SECRET INFORMATION

4. FIRST-AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. Get medical attention if symptoms persists.
Skin Contact: Wash off with soap and water. Get medical attention if symptoms persists.
Eye Contact: Rinse with water. Get medical attention if symptoms persists.
Ingestion: Rinse mouth. Get medical attention if symptoms persists.
Most Important Symptoms/Effects: Headache. Irritation of eyes and mucous membranes. Irritation of nose and throat. Coughing. Skin irritation.
Medical Conditions Aggravated: None Known.
NOTE TO PHYSICIAN: Provide general supportive measures and treat symptomatically.

5. FIRE FIGHTING MEASURES

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| Suitable Extinguishing Media: | Powder. Alcohol resistant foam. Carbon dioxide (CO ₂). |
| Unsuitable Extinguishing Media: | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific Hazards Arising from the chemical: | Contents under pressure. Pressurized container may explode when exposed to heat or flame. |
| Special Protective Equipment and Precautions for Firefighters: | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. |
| Fire-Fighting Equipment/Instructions: | Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. |
| Specific Methods: | Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes. |
| General Fire Hazards: | Extremely flammable aerosol. |

6. ACCIDENTAL RELEASE MEASURES

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| Personal Precautions: | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of this SDS. |
| Environmental Precautions: | Avoid discharge into drains, water courses or onto the ground. |
| Clean-Up Methods: | Remove all ignition sources. If containers begin to leak through puncture or defective packaging, allow it to discharge completely in a well ventilated area. Small spills may be wiped up and rinsed with water. For larger spills, dike to contain. Pump to labeled container or absorb spillage and scoop up with inert absorbent material. After spill collection, rinse area with water and follow with normal clean-up procedures. |

7. HANDLING AND STORAGE

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| Handling: | Pressurized container. Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Instruct personnel about proper use, hazards, precautions, and first aid measures. Avoid inhalation, ingestion, and contact with eyes, skin and clothing. Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Use in a well-ventilated place. Avoid spraying towards face. Avoid overspray during use. Handle carefully to avoid damaging container. |
| Storage: | Pressurized container. Protect from sunlight. Do not expose to temperatures exceeding 50°C (122°F). Store in a well-ventilated place. Do not puncture. Incinerate or crush. Keep away from incompatible materials. Keep from freezing. Store as a Level 1 Aerosol (NFPA 30B). |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Component | Type | Value |
|-----------------------------|------|------------------------------------|
| Ethyl Alcohol (CAS 64-17-5) | PEL | 1900 mg/m ³ 1000 ppm |

US ACGIH Threshold Limit Values

| Component | Type | Value |
|-----------------------------|------|----------|
| Ethyl Alcohol (CAS 64-17-5) | STEL | 1000 ppm |

US NIOSH: Pocket Guide to Chemical Hazards

| Component | Type | Value |
|-----------------------------|------|------------------------------------|
| Ethyl Alcohol (CAS 64-17-5) | TWA | 1900 mg/m ³ 1000 ppm |

US Workplace Environmental Exposure Level (WEEL) Guides

| Component | Type | Value |
|----------------------------------|------|------------------------------------|
| 1,1-Difluoroethane (CAS 75-37-6) | TWA | 2700 mg/m ³ 1000 ppm |

Engineering Controls:

Good general ventilation should be used. Ventilation rates should be matched by conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment:

Eyes: None required with normal use.
 Hands: None required with normal use.
 Respiratory: Suitable respirator if mists/vapors are not controlled by ventilation.
 Feet: No special requirements with normal use.
 Body: No special requirements with normal use.

General Hygiene Considerations:

When using, do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | Aerosol, Liquefied gas. |
| Odor | Not available. |
| Odor Threshold | Not available. |
| pH | Not available. |
| Melting point/Freezing point | Not available. |
| Initial boiling point and boiling range | Not available. |
| Flash Point | -58°F (-50°C) Propellant |
| Evaporation Rate | Not available. |
| Flammability (solid, gas) | Not available. |
| Upper/Lower flammability or explosive limits | |
| Flammability Limit – Lower (%) | 3.5% estimated |
| Flammability Limit – Upper (%) | 18.2% estimated |
| Explosive Limit – Lower (%) | Not available. |
| Explosive Limit – Upper (%) | Not available. |
| Vapor Pressure | Not available. |
| Vapor Density | Not available. |
| Relative Density | Not available. |
| Solubility (Water) | Not available. |
| Partition Coefficient | Not available. |
| Auto-Ignition Temperature | Not available. |
| Decomposition Temperature | Not available. |
| Viscosity | Not available. |
| Specific Gravity | Not available. |

10. STABILITY AND REACTIVITY

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| Chemical Stability | Material is stable under normal conditions. |
| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Possibility of Hazardous Reactions | Hazardous polymerization does not occur. |
| Conditions to Avoid | Keep away from heat, sparks, and open flame. Do not mix with other chemicals. Avoid contact with incompatible materials. |
| Incompatible Materials | Strong oxidizing agents. |
| Hazardous Decomposition Products | No hazardous decomposition products are known. |

11. TOXICOLOGICAL INFORMATION

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| Routes of Exposure | Eyes, skin, ingestion, inhalation. |
| Information of Routes of Exposure: | No LC50/LD50 Test Data on Mixture Available |
| Acute Effects/Symptoms: | |
| Eyes: | Direct contact with eyes may cause temporary irritation. |
| Skin: | No adverse effects due to skin contact are expected. |
| Ingestion: | Expected to be a low ingestion hazard. |
| Inhalation: | No adverse effects due to inhalation are expected. |
| Carcinogenicity: | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA |
| Germ Cell Mutagenicity: | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| Respiratory Sensitizer: | This product is not expected to cause respiratory sensitization. |
| Skin Sensitizer: | This product is not expected to cause skin sensitization. |
| Reproductive Toxicity: | This product is not expected to cause reproductive or developmental effects. |
| Specific Target Organs (Single/Repeated): | Not classified. |
| Aspiration Hazard: | Not likely, due to the form of the product. |

12. ECOLOGICAL INFORMATION

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| Ecotoxicity/Chemical Fate: | Not Test Data on Mixture Available |
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13. DISPOSAL CONSIDERATION

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| Disposal Method: | Dispose of contents in accordance with all federal, state, and local applicable laws and regulations. Consult state and local authorities for restrictions on disposal of chemical waste. Manage chemical wastes through an approved waste treatment facility. Pressurized container: Do not pierce or burn, even after use. Do not incinerate. When contents are depleted continue to depress button until all gas is expelled. Aerosol cylinder is not refillable. Give to a disposal service equipped to safely dispose of pressurized containers. Please recycle packaging whenever possible. |
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14. TRANSPORTATION INFORMATION

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|----------------------------|---|
| DOT | |
| UN Number | UN1950 |
| UN Proper Shipping Name | Aerosols, flammable, (each not exceeding 1L capacity) |
| Transport hazard class(es) | |
| Class | 2.1 |
| Subsidiary Risk | - |
| Label(s) | 2.1 |
| Packaging Group | Not applicable |

Special Precautions for User Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.

Special Provisions N82
Packaging Exceptions 306
Packaging non-bulk None
Packaging bulk None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity – ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN1950 aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/2020 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN Number UN1950
UN Proper Shipping Name Aerosols, flammable, (each not exceeding 1L capacity)
Transport hazard class(es)
Class 2.1
Subsidiary Risk -
Label(s) 2.1
Packaging Group Not applicable
Environmental Hazards No
ERG Code 10L
Special Precautions for User Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.

Other Information

Passenger and Cargo Aircraft Allowed
Cargo Aircraft Allowed
Packaging Exceptions LTD QTY

IMDG

UN Number UN1950
UN Proper Shipping Name Aerosols, flammable, (each not exceeding 1L capacity)
Transport hazard class(es)
Class 2.1
Subsidiary Risk -
Label(s) 2.1
Packaging Group Not applicable
Environmental Hazards
Marine Pollutant No
EmS F-D, S-U
Special Precautions for User Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.

DOT



IATA; IMDG



15. REGULATORY INFORMATION

US Federal Regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the US EPA TSCA Inventory List

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not Regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not Listed.

SARA 304 Emergency Release Notification
Not Regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not Listed.

Superfund Amendments and Reauthorized Act of 1986 (SARA)

Hazard Categories
Immediate Hazard – No
Delayed Hazard – No
Fire Hazard – Yes
Pressure Hazard – Yes
Reactivity Hazard – No

SARA 302 Extremely Hazardous Substance
Not Listed.

SARA 311/312 Hazardous Chemical
No

SARA 313 (TRI Reporting)
Not Regulated

Other Federal Regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not Regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
1,1-Difluoroethane (CAS 75-37-6)

Safe Drinking Water Act (SDWA)
Not Regulated.

US State Regulations

US Massachusetts RTK – Substance List
1,1-Difluoroethane (CAS 75-37-6)
Ethyl Alcohol (CAS 64-17-5)

US New Jersey Worker and Community Right-To-Know Act
1,1-Difluoroethane (CAS 75-37-6)
Ethyl Alcohol (CAS 64-17-5)

US Pennsylvania Worker and Community Right-To-Know Law
Ethyl Alcohol (CAS 64-17-5)

US Rhode Island RTK
1,1-Difluoroethane (CAS 75-37-6)

US California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

16. OTHER INFORMATION

Issue Date: 11-18-2015

Version: 01

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.