PRAVANA®

SDS Revision: 0 SDS Revision Date: July 7, 2018

SDS Version: 1

# SAFETY DATA SHEET

## 1. - IDENTIFICATION OF SUBSTANCE OR MIXTURE AND OF SUPPLIER

**Product Identifier used on the Label**: Hair Spray Super Shape Extreme
**Other Means of Identification**: Hair Spray

**Recommended use of Chemical and Restrictions**: Aerosol Hair Spray, Personal Beauty Care Product. Do not mix with other products.

**Distributed by**:

Pravana International LLC
5800 Bristol Parkway, Suite 700
Culver City, CA 90230

Emergency Phone Number:

CHEMREC 1-800-424-9300 (24 hours daily)
Mexico SETIQ 01-800-00-214-00
Mexico City Metropolitan Area: 01-55-55-59-15-88

## 2. – HAZARD IDENTIFICATION

Classified as Hazardous Substance and Dangerous Goods.

| | |
|---|---|
| Classification: | Category 2 Flammable Aerosol |
| Eye Damage / Irritation: | Category 2B |
| Signal Word: | Danger |
| Hazard Statements: | Causes Eye Irritation |
| | Flammable Aerosol |
| | Highly Flammable liquid and vapour |

Hazard Pictograms:

**Precautionary Statements:**

Prevention: Pressurized Container. Do not pierce or burn, even after use. May burst if heated. No smoking during use. Keep away from heat, sparks, open flames, hot surfaces. Do not spray on open flame or other ignition source. Keep out of reach of Children. May cause drowsiness or dizziness.

| | |
|---|---|
| Response: | IF IN EYES: Rinse cautiously with water for several minutes. Remove Contact Lenses. Continue rinsing. If eye irritation persists, get medical attention and/or advice.<br>IF INHALED: Move to fresh air. |
| Storage: | Protect from Sunlight. Do not expose to temperatures exceeding 48°C / 120°F. |
| Disposal: | None |

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Synonyms | No. CAS | Percent |
|---|---|---|---|
| Ethanol | Alcohol, Anhydrous alcohol | 64-17-5 | 55.0 |
| Hydrofluorocarbon 152a | R-152A, Difluoroethane | 75-37-6 | 38.0 |
| Amino-methyl-propanol | AMP | 124-68-5 | 1.0 |

| | NPCA-HMIS | NFPA 704 | KEY:NPCA-HMIS/NFPA 704 |
|---|---|---|---|
| HEALTH | 1 | NA | 4=Severe/Extreme<br>3=Serious/High<br>2=Moderate/Moderate<br>1=Slight/Slight<br>0=Minimal/Insignificant |
| FLAMMABILITY | 4 | NA | |
| REACTIVITY | 0 | NA | |


## 4.- FIRST-AID MEASURES

| | |
|---|---|
| Inhalation: | Move to fresh air, keep at rest. If symptoms persist, get medical attention. |
| Eye Contact: | Rinse cautiously with water for several minutes. Remove Contact Lenses. Continue rinsing. If eye irritation persists, get medical attention and/or advice. |
| Skin Contact: | None under normal use. If irritation ocurrs, rinse thoroughly with warm water.Wash affected area with soap and water. Remove contaminated clothing and launder before reuse. If irritation or swelling persists, consult a physician immediately. |
| Ingestion: | Product is not likely to be ingested. If this occurs, treat symptomatically. Drink plenty of water or milk. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. |

| | |
|---|---|
| | Require medical assistance immediately and estimate time and quantity ingested. |

**Symptoms or Effects of Acute exposure:**

| | |
|---|---|
| **Inhalation:** | **Coughing, nasal congestion, irritation to nose, throat and respiratory system.** |
| **Eye Contact:** | **May cause redness, itching and stinging.** |
| **Skin Contact:** | **Irritation, redness, allergic skin reactions such as dermatitis.** |
| **Ingestion:** | **May cause nausea, vomiting, diarrhea and central nervous system depression.** |
| **Delayed Symptoms:** | **May cause eye irritation. Most symptoms are acute from overexposure.** |

## 5.- FIRE-FIGHTING MEASURES

| | |
|---|---|
| Fire and explosion: | Aerosol Level 1 NFPA 30B. Aerosols burst at temperatures above 120°F (48°C) or when exposed to direct fire. In case of fire nearby aerosols, keep them cool by directing cool water until fire is completely extinguished. If aerosols are bursting due to direct exposure to fire, keep away until bursting finishes. Aerosols may be projectile hazards carrying fire to other areas. |
| Suitable Extinguishing Media: | Dry chemical, foam, halon, CO2 or water spray |
| Unsuitable Extinguishing Media: | None |
| Firefighting Procedure Recommendations: | Keep aerosols cool until fire is out. Aerosols burst at temperatures above 120°F (48°C) or when exposed to direct fire. In case of fire in any area near the aerosols, use jets of cold water over the containers in order to prevent increased temperature and pressure. Wear self-contained breathing apparatus and full protective gear. |

## 6.- ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| Containment: | Contain and absorb with inert material, ventilate area, eliminate sources of ignition, flames or sparks, interrupt the electrical current, avoid contact with skin, eyes and breathing vapors. |
| Personal Precautions | Use the appropriate safety equipment (PPE). Avoid contact with skin, eyes and do not breath vapors  |
| Cleanup Procedure | Do not puncture or incinerate cans. Vapors and liquid extremely flammable. Dispose of waste in accordance with environmental standards and local regulations, state and federal implement. |
| Emergency Procedure | The aerosol container is airtight, no room for massive spills or leaks. In case of leakage of several cans due to rupture, eliminate all ignition sources (smoking, sparks, flames) |

## 7.- HANDLING AND STORAGE

**Precautions for Safe Handling:** **Keep away from open flames, hot surfaces and sources of ignition. Avoid smoking during handling. Observe label precautions. Avoid puncturing cans. Take all necessary precautions using lift trucks. Forklifts handling flammable aerosols should be ex proof.**

**Conditions for Safe Storage:** **Store in a cool, dry well ventilated area. Avoid temperatures above 40°C. Avoid heat and direct sunlight. Do not keep aerosols inside cabin of cars. Aerosols may explode due to excessive heat causing injuries to people and / or car.**
**NFPA 30B: Level 1 Aerosol (Storage)**

**Incompatible Products:** **None known.**

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | | ACGIH | | OSHA PEL | | NOM 076 SSA1 | | Other |
|---|---|---|---|---|---|---|---|---|
| Ingredient | No. CAS | TLV ppm | STEL ppm | TWA | TWA | TWA | Limit immediately dangerous to life & health | DNEL (Derived No effect level) |
| Ethanol (Anhidrous Alcohol) | 64-17-5 | 1000 | 1000 15 mins | 1000 ppm 8 hours | 1900 mg/m3 8 hours | 1000 ppm | 3300ppm | NA |
| Difluoroethane (R152A) | 75-37-6 | 1000 | NA | NA | NA | NA | NA | 675 mg/m3 |

**Appropiate Engineering Controls:** **Use in well ventilated areas. Use local exhaust ventilation in order to keep workers or customer exposure to airborne contaminants below recommended limits above.**

**Personal Protective Measures:** **None required for normal conditions of use. Avoid eyes and skin contact. For prolonged use (above 20 minutes per day), use rubber gloves and safety glasses.**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| Physical State @21°C | liquid & gas pressurized in aerosol container |
| Appearance: | Aerosol particules in a fine spray |
| Appearance of bulk without gas: | straw yellow liquid |
| Odor: | Perfume characteristic |
| Odor Threshold: | No information available |
| Melting / freezing point: | No information available |
| Initial Boiling point / boiling range: | No information available |
| Flashpoint: | bulk 12-16°C |
| Evaporation Rate | No information available |

| | |
|---|---|
| Flammability: | Flammable Product |
| Upper /Lower Flammability limits | Lower 3.3%; Upper 19% |
| Vapour Pressure: | 70 -90 psig @ 21°C |
| Vapour Density: | above 1.0 |
| Relative Density: | 0.80 to 0.83 @25°C |
| Solubilities: | soluble in water |
| Partition Coefficient: | No information available |
| Autoignition Temperature | No information available |
| Decomposition Temperature | No information available |
| Viscosity: | Not Applicable when sprayed (aerosol) |

## 10. - STABILITY AND REACTIVITY.

**Reactivity:** **None under recommended storage conditions.**

**Chemical Stability:** **Stable under recommended storage and handling conditions.**

**Hazardous Reactions:** **When sprayed, mist is extremely flammable. Avoid sparks, open flames, hot surfaces and sources of ignition.**
**Product will not polymerize.**

**Conditions to avoid:** **Direct sunlight, flames , heat sources, temperatures above 48°C (120°F). Do not keep aerosols inside cabin of cars. Aerosols may explode due to excessive heat causing injuries to people and / or car.**

**Incompatible Materials:** **Alkalis, oxidizing agents, metal powders, acids**

## 11. - TOXICOLOGICAL INFORMATION.

**Likely Routes of Exposure:**

**Inhalation:** **YES**
**Ingestion:** **NOT LIKELY**
**Skin:** **YES**
**Eyes:** **YES**

**Delayed, Immediate of Chronic Effects of Exposure:**

**Inhalation:** **Coughing, nasal congestion, irritation to nose, throat and respiratory system.**

**Eye Contact:** **May cause redness, itching and stinging.**

**Skin Contact:** **Irritation, redness, allergic skin reactions such as dermatitis.**

**Ingestion:** **May cause nausea, vomiting, diarrhea and central nervous system depression.**

**Delayed Symptoms:** **May cause eye irritation. Most symptoms are acute from overexposure.**

**Chronic Effects:** **May cause irritation of skin, eyes and respiratory system. May cause asthma symptoms**

**Toxicity:** **Product not tested on animals**

**Found in literature:**

| | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| **Difluoroethane (R152-A) CAS 75-37-6** | **> 1500 mg/kg bw ( Rat )** | **-** | **> 43.75% (437500 ppm), 4 h** |
| **Ethanol CAS 64-17-5** | **7060 mg/kg** | **LDL rabbit 20,000 mg/kg** | **66,000 mg/l** |

**Product is not reported as Carcinogen**

**Difluoroethane:** **Reproductive toxicity of NOEC = 50000 ppm**
**Genotoxicity: weakly positive.**

**Ethanol:** **No carcinogenic, no teratogenic effects, no mutagenic effects, no reproductive toxicity.**

## 12. - ECOLOGICAL INFORMATION

### Toxicity tests performed on aquatic and/or terrestrial organisms:

No specific ecological data available for this product.
Ethanol is biodegradable in the environment. It is a metabolite of and nutrient of microbes.
Difluroethane:

Found in Literature:

| | Algae / Aquatic plants EC50 | Fish LC50 |
|---|---|---|
| **Difluoroethane CAS 75-37-6** | 47.755 mg/L | 295.783 mg/L: 96 h Fish |

Poorly absorbed into soil or sediments. Product tend to volatize rapidly into the air.

### Adverse Effects:

No known ozone layer depleting potential.
55% Volatile Organic Compound

## 13. - DISPOSAL CONSIDERATIONS

Waste Disposal and Treatment:

Aerosol Cans are regulated as D003 reactive hazardous waste and / or D001 ignitable hazardous waste in some states due to the potential to explode when heated or punctured. Check local, state and federal laws and regulations in order to determine appropriate disposal. Only licensed facilities must provide treatment, storage and disposal of hazardous waste.

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER.

**Aerosols are Presurized Containers. Do not pierce or burn, even after complete use. Empty containers may contain flammable and explosive vapors.**

## 14. - TRANSPORT INFORMATION

### United Nations Code (UN number): UN 1950

**DOT:**

| | |
|---|---|
| U. S. DOT Proper Shipping Name: | UN1950 Aerosols 2.1 |
| U. S. DOT Hazard Class: | ORM-D / 2.1 |
| U. S. DOT Labels Required: | None |

**IATA:**

| | |
|---|---|
| IATA Proper Shipping Name: | Consumer Commodity ORM-D (at Home)<br>Aerosols, Flammable, NOS, UN1950 (Export) |
| IATA Hazard Class: | 2.1 |
| IATA Labels Required: | Consumer Commodity ORM-D (at Home)<br>Flammable Gas (Export) |
| Bill Of Lading Description: | Consumer Commodity ORM-D-AIR, 9, ID8000 (Domestic)<br>Aerosols, Flammable, N.O.S., 2.1, UN1950 (Export) |

**IMDG:**

| | |
|---|---|
| IMDG Shipping Name: | Aerosols |
| IMDG Hazard Class: | 2.1 |
| IMDG Labels Required: | The box must be marked "Aerosols" |
| IMDG Secondary Labels Required: | Hollow Diamond with UN1950 Marked in Center |
| IMDG Placards Required: | None |
| Bill Of Lading Description: | Aerosol, 2, UN1950 |
| Marine Pollutant: | No |
| IMDG Page Number: | 2102 |

**SCT:**

| | |
|---|---|
| SCT | UN1950, AEROSOLES, 2.1 |

## 15. - REGULATORY INFORMATION

SARA 313: Not applicable for consumer use.
CERCLA: Not applicable for consumer use.
Food and Drug Administration (FDA): The product described in this Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature.
Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61): Not applicable for consumer use.
Clean Water Act: Not applicable for consumer use.
California Proposition 65: This product is not subject to warning labeling under California Proposition 65.
Cofepris: This product complies with requirements of the Secretaría de Salud for Personal Care Products.
TSCA: The components of this product are listed on the TSCA Inventory

## 16.- OTHER INFORMATION

This SDS was prepared by:
Tecnosol, S.A. de C.V.

Alce Blanco 49
Naucalpan, Edo de México, MEXICO
Issuing Date: August 16, 2016.
Revision Date: August 16, 2016. Initial Release.

This SDS has been prepared under the Hazard Communications Standard of OSHA.

## ABBREVIATIONS:

- ACGIH - American Conference of Governmental Industrial Hygienists
- DOT-Department of Transportation
- IMDG - International Maritime Dangerous Goods Code
- NFPA-National Fire Protection Association
- OSHA-Safety and Health at Work
- PEL - Permissible Exposure Limits
- ppm - parts per million
- CERCLA- Comprehensive Environmental Response Compensation and Liability Act
- SARA-Superfund Amendments and Reauthorization Act
- TLV - Threshold Limit Value

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