

Safety Data Sheet

according to ANSI Z400.1-1998

WELLA COLOR PRESERVE THERMAL PROTECTING SPRAY

Print date : 06.10.2005

Product code : 74414010000F

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1. Product and Company Identification

1.1 Commercial product name

WELLA COLOR PRESERVE THERMAL PROTECTING SPRAY

Chemical characterization : (preparation)

1.2 Information manufacturer / supplier

Company name : WELLA CORPORATION - 6109 De Soto Avenue - Woodland Hills, CA 91367
 Telephone:: (818) 999-5112
 Prepared by:: WELLA AG - Berliner Allee 65 - D--64274 Darmstadt
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2. Composition / Information on Components

Hazardous components

CAS No.	Components	Quantity
112-02-7	CETRIMONIUM CHLORIDE, WATER SOLUTION 25%	0.1% - 1%
64-17-5	ETHANOL (ALCOHOL)	10% - 20%
154248-98-3	POLYOXYPROPYLEN(1) POLYOXYETHYLEN(9) DODECYL GLYCOL ETHER	0.1% - <1%

3. Hazards Identification

Route(s) of Entry

Inhalation: Yes
 Ingestion: Yes
 Skin: Yes

Signs and Symptoms of Exposure

Can have an irritating effect on the eyes.
 Prolonged or repeated skin contact can have an irritating effect.
 May produce an allergic reaction.

Carcinogenicity (NTP) : No

Carcinogenicity (IARC) : No

Carcinogenicity (OSHA) : No

Explication of special hazards for human health and environment

Flammable.

4. First Aid Measures

After inhalation

Move to fresh air.
 If symptoms persist, call a physician.

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After contact with eyes

Flush eye(s) immediately with plenty of water. If eye irritation persists, consult a specialist.

After ingestion

Do not induce vomiting.
Clean mouth with water and drink afterwards plenty of water.
Call a physician or Poison Control Centre immediately.

5. Fire Fighting Measures

Suitable extinguishing media

sprayed water stream
/ alcohol-resistant foam / chemical fire extinguisher
/ carbon dioxide (CO₂)

Special exposure hazards arising from the chemical

The release of the following substances is possible in a fire:
nitrogen oxides (NO_x) ;
carbon oxides

Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit.

Additional information

Contaminated extinguishing water and soil must be disposed of in accordance with official regulations.

6. Accidental Release Measures

Personal precautions

Ensure adequate ventilation.
Remove all sources of ignition.
Avoid contact with eyes.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods for cleaning up/taking up

Small amounts: Flush into sewer with plenty of water.
Larger amounts: Soak up the product with absorbent, non-flammable material.

7. Handling and Storage

7.1 Handling

Advice on safe handling

Avoid contact with eyes.
Provide sufficient air exchange and/or exhaust in work rooms.

Advice on protection against fire and explosion

Flammable.
Vapours may form explosive mixtures with air.
Keep away from sources of ignition - No smoking.

Further information on handling

Do not spray into the eyes.

7.2 Storage

Requirements for storage rooms and vessels

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Keep tightly closed in a dry, cool and well-ventilated place.
 Keep at temperatures above -5 °C.
 Keep at temperature not exceeding 40 °C.

8. Exposure Controls / Personal Protection

8.1 Exposure limit values

Permissible exposure limits (PEL)

CAS No.	Components	ml/m ³	mg/m ³	fib/cc	Category	Origin
64-17-5	Ethyl alcohol (Ethanol)	1000	1900		TWA (8 h)	PEL

Additional advice on control parameters

The maximum occupational exposure limit will not be reached under normal conditions of use

8.2 Exposure controls

Protective and hygiene measures

When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

9.1 Appearance

Form : liquid
 Colour : colourless ; clear
 Odour : perfumed

9.2 Important health, safety and environmental information

pH-Value : 3.5 - 5.5 Test method

Changes in the physical state

Flash point : 95.0 °F (35 °C) Abel-Pensky,cc

Explosive properties

Vapours may form explosive mixtures with air.

Lower explosion limits : 3.5 (ETHANOL) vol. %

Upper explosion limits : 15.0 (ETHANOL) vol. %

Oxidizing properties

Not applicable

Density : 0.97 - 0.99 g/cm³

Water solubility : completely miscible

Solvent content

10% - 20%

9.3 Other information

Ignition temperature : 425 °C (ETHANOL)

10. Stability and Reactivity

Stability

Stable

Conditions to avoid

Heating in air
 Avoid sparks and static charges.

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Materials to avoid

oxidising agents

Possibility of Hazardous Reactions

Will not occur

11. Toxicological Information

Acute toxicity

LD50/oral/rat = >2000 mg/kg (calculated)

Irritancy and corrosiveness

Eye irritation:

Can have an irritating effect on the eyes.

Skin irritation:

Patch test on human volunteers did not demonstrate irritating properties.

Sensitising effect

POLYOXYPROPYLEN(1) POLYOXYETHYLEN(9) DODECYL GLYCOL ETHER:

May produce an allergic reaction.

Subacute, subchronic and prolonged toxicity

Solvents may degrease the skin.

Prolonged or repeated skin contact can have an irritating effect.

12. Ecological Information

Ecotoxicity

Contains substances very toxic to aquatic organisms.

13. Disposal Considerations

Advice on disposal

In accordance with local and national regulations.

Incineration recommended.

14. Transport Information

US DOT 49 CFR 172.101

Propper Shipping Name

Consumer Commodity ORM-D

Land transport (ADR/RID)

ADR/RID class :	3
Warnings plate	
UN number :	1266
ADR/RID packing group :	III

Description of the goods

Perfumery products

Inland waterways transport

Marine transport

IMDG code :	3
UN number :	1266
EmS :	F-E , S-D
IMDG packing group :	III

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Description of the goods

Perfumery products

Air transport

ICAO/IATA-DGR :	3	
UN/ID number :	1266	
IATA-packing instructions - Passenger :		309
IATA-packing instructions - Cargo :		310
ICAO packing group :	III	

Description of the goods

Perfumery products

15. Regulatory Information

U.S. Regulations

16. Other Information

Other data

Canada:WHMIS classification: B2 ; D2B

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)