

# MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME: Cello Corp.

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## SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: SPRAY DISINFECTANT

PRODUCT NUMBER: 5967

PRODUCT CLASS: Disinfectant, Aerosol

EPA Registration #257-295

EPA Establishment #257-MD-1

## SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS	PERCENT	TLV	OCCUPATIONAL EXPOSURE LIMITS	CAS NUMBER
			PEL	
Propellant A-46 (mixture of)				
Isobutane	35.0	800 PPM		75-28-5
Propane				74-98-6
n-Butane				106-97-8
Ethanol	37.0	1000 PPM		64-17-5

## SECTION III - PHYSICAL DATA

BOILING POINT: Concentrate 170°F      SPECIFIC GRAVITY: Concentrate 0.9124      % VOLATILE VOLUME: 99.0%  
VAPOR DENSITY:      ☒ HEAVIER      ☐ LIGHTER THAN AIR  
VAPOR PRESSURE (mmHg): In aerosol 40 PSIG  
EVAPORATION RATE: ☒ FASTER      ☐ SLOWER THAN WATER  
pH (CONC): 9.5  
APPEARANCE & ODOR: Clear liquid, lavender odor.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): Non-Flammable      FLAMMABLE LIMITS: Ethanol LEL 3.3 UEL 19

Flame Extension Test

EXTINGUISHING MEDIA:

☒ FOAM      ☐ "ALCOHOL" FOAM      ☒ CO<sub>2</sub>      ☒ DRY CHEMICAL      ☒ WATER FOG      ☐ OTHER

UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol cans when involved in a fire may tend to burst and "rocket" releasing a flammable gas.

SPECIAL FIREFIGHTING PROCEDURES: Wear protective clothing and use self-contained breathing apparatus. Use water spray to cool cans exposed to fire.

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**SECTION V - HEALTH HAZARD DATA**

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**EFFECTS OF OVEREXPOSURE:**

**EYES:** Product is an eye irritant. Eye contact near source may produce burns due to the freezing effect of aerosols.

**INHALATION:** Levels above TLV may produce anesthetic effect, dizziness, drowsiness, nausea & vomiting.

**SKIN:** Contact near source may cause burns due to freezing effect of propellant.

**INGESTION:** Near source may cause burns of oral cavity, mucous membranes and esophagus due to cooling effect of propellant. In addition, dizziness, nausea, drowsiness and vomiting may occur.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** Existing Bronchial condition may be aggravated overexposure.

**PRIMARY ROUTE(S) OF ENTRY:** ☐ DERMAL ☒ INHALATION ☐ INGESTION

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYE CONTACT:** Flush immediately for 15 minutes with running water holding eyelids open. If irritation persists, contact a physician.

**SKIN CONTACT:** Wash with soap and water. If irritation persists, contact physician.

**INHALATION:** Remove patient to fresh air. If patient is having difficulty in breathing apply artificial respiration by trained personnel if necessary — contact physician.

**INGESTION:** Drink large quantities of water. Contact physician.

**CARCINOGENICITY:** Not listed IARC MONOGRAPHS Not Listed NTP Not Listed OSHA Not Listed

**MUTAGENICITY:** Not Listed

**OTOGENICITY:** Not listed

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**SECTION VI - REACTIVITY DATA**

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**STABILITY:** ☐ UNSTABLE ☒ STABLE

**CONDITIONS TO AVOID:** Extreme heat, fire and other sources of ignition.

**HAZARDOUS POLYMERIZATION:** ☐ MAY OCCUR ☒ WILL NOT OCCUR

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide & Dioxide.

**INCOMPATIBILITY (MATERIAL TO AVOID)**

Strong acids and oxidizing agents.

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**SECTION VII - SPILL OR LEAK PROCEDURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Remove sources of ignition. Dilute with water and absorb with porous material such as sand, sawdust, diatomaceous earth, etc. Shovel up and put into containers.

**WASTE DISPOSAL METHOD:**

Incinerate or deposit in landfill according to local, state and federal regulations for pesticide.

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**SECTION VIII - SAFE HANDLING AND USE INFORMATION**

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**RESPIRATORY PROTECTION:** None necessary under normal use.

**VENTILATION:** No special ventilation required under normal use. Local exhaust may be used when used in small enclosed areas.

**PROTECTIVE GLOVES:** None required under normal use.

**EYE PROTECTION:** None required under normal use, but protective glasses are recommended.

**OTHER PROTECTIVE EQUIPMENT:** None.

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**SECTION IX - SPECIAL PRECAUTIONS**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Contents under pressure. Do not puncture or incinerate. Do not use or store close to heat or open flame. Do not store near strong acids or oxidizing agents.

**OTHER PRECAUTIONS:** Exposure to temperature above 120°F may cause can to burst. Do not throw can into fire or incinerate.

**HAZARD CLASS:** Compressed Gas                      UN/NA# N/A

**DOT LABEL:** Consumer Commodity ORM-D

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SECTION X - HAZARD CODES

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HMIS

Health: 1

Flammability: 1

Reactivity: 0

Corrosivity: 0

Personal Protection: See Sec. VIII

KEY: 0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme

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NEW \_\_\_\_\_ REVISED X

PREPARED BY



SUPERSEDES MSDS DATED 6/8/87

TITLE Senior Chemist R/D

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