# **UNITED 191**



# MATERIAL SAFETY DATA SHEET

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USE/DESCRIPTION

To Reorder Call: 800-323-2594

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# 1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES 24 Hour INFOTRAC (US and CANADA): **800-535-5053** 

**PRODUCT NAME**UNITED 191 TOTAL RELEASE AIR SCRUBBER

Total Release Air Scrubber Odor Neutralizer

REVISION DATE December 20, 2010

HMIS III HEALTH (0 = Maximum Safety)

Always follow Label Directions and Cautions.

\* Chronic 2 Moderate
4 Severe 1 Slight
3 Serious 0 Minimal

See Hazards Identification Section of this MSDS

for more detailed information.

Susceptible to Release of Energy.

PHYSICAL HAZARD (0 = Maximum Safety)

4 May detonate-vacate area if materials are exposed to fire.3 Strong shock of heat may

3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers. 2 Violent chemical change possible-use hose stream from distance

1 Unstable if heated-use precaution.

Normally stable.

FLAMMABILITY (0 = Maximum Safety)

Susceptibility of Material to Burning.

4 Extremely flammable. 1 Must be preheated

3 Ignites at normal temperature.2 Ignites when moderately heated.0 Will not burn.

PERSONAL PROTECTION: A

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Acetone	67-64-1	1-6 1-30^	500 ppm	1000 ppm	NE	NE
Isoparaffinic hydrocarbon	64742-47-8	5-10	400 ppm	400 ppm	NE	NE
Propane/n-butane	68476-86-8	20-30	1000 ppm	NA	NE	NE
^ ORANGE SCENT ONLY						

#### 3. HAZARDS IDENTIFICATION

Eyes: May cause slight irritation/ burning. \*May cause strong irritation reddening.

**Skin:** May cause mild irritation, drying of skin.

Inhalation: May cause slight dizziness if overexposed.

Ingestion: Unlikely as this product is a mist when used. If ingested may cause nausea.

# 4. FIRST AID MEASURES

Eyes: Flush with plenty of water for at least 15 minutes while lifting eyelids to insure complete removal. Seek medical attention.

Skin: Wash thoroughly with soap and water. If symptoms develop, seek medical attention.

**Inhalation:** Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.

**Ingestion:** DO NOT induce vomiting. If conscious, rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious or is convulsing.

## 5. FIRE FIGHTING MEASURES

Flame Projection (Aerosol): Flammable per 16 CFR 1500.3 and 1500.45.

Hazardous Products of Combustion: When strongly heated, as in a fire, this product may produce oxides of carbon.

Fire and Explosion Hazards: Aerosol container (pressurized) may burst if heated over 120°F/48°C. ^Vapors can flow along surfaces to distant ignition source and flash back.

Extinguishing Media: Standard chemical fire extinguisher or dry chemical, alcohol foam, carbon dioxide.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing in chemical fires. Cool fire exposed containers with water to prevent vapor pressure build up.

#### 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Remove all sources of ignition and ventilate area. Wipe up with rag or use an absorbent clay material and place in designated disposal container. Wash area thoroughly.

Large Spills: Remove sources of ignition and ventilate area. Soak up with an absorbent clay material and place in designated disposal container. Wash area thoroughly.

#### 7. HANDLING AND STORAGE

Keep away from heat, sparks, and open flames. Store in a cool well-ventilated area, away from sources of ignition. Do not expose to temperatures exceeding 120°F/48°C. Do not puncture or incinerate containers. Wash hands after use.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses are recommended.

Skin: Normally not required.

Respiratory: None needed for proper use in accordance with label directions.

Engineering Controls: Normally not required.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 165F/74C ^120F/48.8C **Specific Gravity:** 0.95conc. ^0.79 (H2O=1)

Vapor Pressure: 44 mmHG ^>130 mmHG Melting Point: NA Vapor Density: 1 ^>2 (air=1) Evaporation Rate: > 1 ^> 4 (BA=1) Solubility in Water: 100% ^60% pH: N/A Appearance and Odor: Aerosol; clear spray available in 2 scents: spice scent & ^orange scent.

#### 10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: When strongly heated, as in a fire, this product may produce oxides of carbon.

Chemical Stability: Stable

Incompatibility: Avoid contact with strong oxidizing agents, alkalis, and concentrated nitric & sulfuric acids.

# 11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

#### 12. ECOLOGICAL INFORMATION

ND

#### 13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial and federal regulations for proper disposal guidelines. Do not puncture or incinerate containers. Disposal regulations may be different for each state and/or locality.

# 14. TRANSPORT INFORMATION

**DOT:** Available upon request **TDG:** Available upon request **UN:** Availabale upon request

## 15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): 28% -^ ND TSCA (Toxic Substances Control Act): Listed SARA Title III Section 302 EHS: ND

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: None

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

# **16. OTHER INFORMATION**

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

PREPARED BY: Sandy Kopacz

UNITED 191 TOTAL RELEASE AIR SCRUBBER