



MATERIAL SAFETY DATA SHEET

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 800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

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

PRODUCT NAME
 UNITED 103 SPRAY TRIUMPH

USE/DESCRIPTION
 Rust Converter and Primer Coat

REVISION DATE
 September 17, 2013

HMIS III HEALTH (0 = Maximum Safety) 2

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.

PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire. 2 Violent chemical change possible-use hose stream from distance
 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers. 1 Unstable if heated-use precaution.
0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) 4

Susceptibility of Material to Burning.

4 Extremely flammable. 1 Must be preheated to burn.
 3 Ignites at normal temperature. 0 Will not burn.
 2 Ignites when moderately heated.

PERSONAL PROTECTION: B



2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Acetone	67-64-1	50-60	500 ppm	1000 ppm	5800 mg/kg (Rat/oral)	16000 ppm 4 hr. (Rat)
Dimethyl ether	115-10-6	15-20	NE	NE	NE	NE
Isopropanol	67-63-0	3-5	200 ppm	400 ppm	5840 mg/mg (Rat/oral)	12000 ppm 8 hr. (Rat)
Ethylene glycol	107-21-1	3-5	NE	NE	4700 mg/kg (Rat/oral)	NE
Oxalic acid	144-62-7	1-5	1 mg/m3	1 mg/m3	NE	NE
Isobutane	75-28-5	10-15	1000 ppm	NE	NE	NE
Propane	74-98-6	3-5	1000 ppm	1000 ppm	NE	NE

3. HAZARDS IDENTIFICATION

Routes of Entry: Inhalation: X Eye Contact: X Skin Contact: X Ingestion:

Eyes: May cause burns and/or severe irritation.

Skin: Severe irritation and burns. May be harmful if absorbed thru skin. Prolonged or repeated contact may dry or defat the skin and lead to inflammation (e.g. dermatitis).

Inhalation: Caused burns to the nose and respiratory tract. Irritating to the eyes, nose and respiratory tract. Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

Ingestion: Exposure by ingestion is unlikely since an aerosol, but if ingested the following may occur: severe burns to the mouth, throat and stomach. May be harmful if swallowed. Possible aspiration hazard - may cause inflammation of the lungs. May cause nausea, vomiting, pain and stomach upset (e.g. diarrhea).

4. FIRST AID MEASURES

Eyes: Flush eyes and under eyelids with water for at least 15 minutes. Obtain medical attention.

Skin: Flush skin with plenty of water for 15 minutes. Remove contaminated clothing and launder before reuse. If irritation is persistent, contact a physician.

Inhalation: Remove person to fresh air. If symptoms develop, seek medical attention. If not breathing, give artificial respiration.

Ingestion: Contact physician or poison control center immediately. Rinse mouth with water and give affected person 1 to 2 glasses of water to dilute. Do not induce vomiting unless instructed by a physician or poison control center. Never give anything to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): ~ -58°F/~ -50°C

Explosive Limits: Lower (LEL): ND Upper (UEL): ND

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

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

Fire and Explosion Hazards: At elevated temperatures (over 54°C/130°F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

Extinguishing Media: Water spray, Foam, Carbon dioxide, Dry chemical.

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water fog. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

Large Spills: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

7. HANDLING AND STORAGE

Store in a cool, dry place away from heat, sparks or open flame. Do not expose to direct sunlight or store at temperatures above 49°C/120°F. Do not puncture or incinerate container. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses are recommended.

Skin: Chemical resistant gloves are recommended.

Respiratory: Use with adequate ventilation. If recommended exposure limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.

Engineering Controls: Mechanical ventilation not normally required and local exhaust is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 84F/29C **Specific Gravity:** 0.45 (H₂O=1) **Vapor Pressure:** 38-48 @70F/21C **Melting Point:** ND

Vapor Density: ND **Evaporation Rate:** ND (H₂O=1) **Solubility in Water:** Complete **pH:** 0.7 – 1.8

Appearance and Odor: Clear, brown aerosol spray with solvent odor.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: Thermal decomposition may produce oxides of carbon.

Chemical Stability: Risk of ignition.

Conditions to Avoid: Keep away from heat, sparks and open flame, reacts violently with alkaline material and may react with reducing agents. Dropping of containers may cause bursting.

Incompatibility: Bases and reducing agents.

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 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: Available upon request

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): 35-40%

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: Acetone CAS# 67-64-1, Ethylene Glycol CAS# 107-21-1

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: Ethylene Glycol CAS# 107-21-1, Isopropanol CAS# 67-63-0

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.

UNITED 103 SPRAY TRIUMPH

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