

MATERIAL SAFETY DATA SHEET

NOU-CLEAN SPRAY

1 - IDENTIFICATION

Distributor: Ormco Corporation
Address: 1717 West Collins Avenue
City, State, Zip: Orange, CA 92867-5422
Telephone: 1-800-854-1741
Emergency: Chemtrec 1-800-424-9300
Date Prepared: March 6, 2003

2 - COMPOSITION INFORMATION

Hazardous Ingredients

	<u>CAS #</u>	<u>PEL</u>	<u>TLV</u>	<u>%</u>
Butane	106-97-8	800 ppm	800 ppm	54.7
Propane	74-98-6	1000 ppm	2500 ppm	18.23

3 - PHYSICAL AND CHEMICAL PROPERTIES

pH: N/A
Relative Density: 0.92 – 0.95 g/mL
Viscosity: (40°C) 13 – 15 mPa.a.
Stock point: < -20°C
Solubility in Water: Insoluble
Appearance and Odor: Light yellow aerosol with a mild odor

4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): -76 °F closed cup (Butane)
Flammable Limits: LEL: N/A **UEL:** N/A
Extinguishing Media: Carbon dioxide, dry chemical or foam. Avoid using water.
Special Fire Fighting Procedures: Standard procedure for chemical fires
Unusual Fire and Explosion Hazards: Do not use a solid water stream as it may scatter and spread fire.

5 - REACTIVITY DATA

Stability: Stable at normal conditions.
Conditions to Avoid: Fire or intense heat may cause violent rupture of packages
Incompatibility (Material to Avoid): None
Hazardous Decomposition Products: None reasonably foreseeable
Hazardous Polymerization: Will not occur

6 - HEALTH HAZARD DATA

Routes of Entry:
Skin: May cause irritation. Prolonged exposure cause local irritation of skin and mucous membranes. Avoid repeated exposure.
Eyes: May cause irritation.
Inhalation: May cause irritation.
Ingestion: May cause irritation.
Carcinogenicity - NTP: No
IARC Monographs: No **OSHA Regulated Carcinogen:** No

7 - EMERGENCY FIRST AID PROCEDURES

Skin: Wash off with soap and plenty of water
Eyes: Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes.
Inhalation: Move to fresh air. In case from inhalation of aerosol/mist consult a physician if necessary.
Ingestion: Do not induce vomiting without medical advice.

8 - PRECAUTIONS FOR SAFE HANDLING & USE

Steps to be taken in case material is released or spilled: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Waste Disposal Method: Dispose of according to federal, state and local regulations. Do not flush into water or sanitary sewer system.
Precautions to be taken in handling and storing: Do not spray on a naked flame or any other incandescent material. Use only in well-ventilated areas. Take precautionary measures against static discharges. Keep away from sources of ignition.
Other precautions: Use according to directions.

9 - CONTROL MEASURES

Respiratory Protection (Specify Type): Not needed. Do not inhale aerosol.
VENTILATION:
Local Exhaust: Ensure adequate ventilation
Mechanical (General): Should be sufficient
Protective Gloves: Recommended
Eye Protection: Safety glasses with side shields
Other Protective Clothing or Equipment: None
Work/Hygiene Practices: Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure. Avoid contact with skin, eyes and clothing.

10 - TRANSPORTATION INFORMATION

Regulated: DOT, IATA, IMO
Proper Shipping Name: Aerosols, flammable, n.o.s (Butane, Propane >45 %)
Hazard Class: 2.1
Identification Number: 1950
Packaging Group: N/A
Label: Flammable Gas

11 - SPECIAL INFORMATION

HMIS (Hazardous Material Identification System) Rating:
H1 F4 R0
[HMIS Index: 4 - Severe Hazard; 3 - Serious Hazard;
2 - Moderate Hazard; 1 - Slight Hazard; 0 - Minimum Hazard]

Note: This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information in this MSDS is, to the best of our knowledge, believed to be accurate.