

SAFETY DATA SHEET

Revision #0

Product name: **ONE TOUCH REVOLUTION**
Last revised date: 30 Nov 2017
Expiry date: 30 Nov 2020

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: One Touch Revolution
NDC: 62565-801-01

MANUFACTURED FOR: Hager Worldwide, Inc.
ADDRESS: Hickory, NC 28602
PHONE: (800) 328-2335

EMERGENCY PHONE: CANUTEC 613-996-6666

PRODUCT USE: For rapid and long lasting topical anesthesia.

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: May cause serious eye damage. Prolonged contact with skin may cause irritation. Possible Allergen. Contact with eyes may cause irritation or other effects. May be harmful if swallowed. This product is a Non-flammable liquid with a flash point of >250 °F.

SYMBOLS:



SIGNAL WORD: Warning

GHS Classification:

Health	Environmental	Physical
Skin Irritant: Category 3	Acute Aquatic Toxicity: Category 3	
Eye Irritant: Category 2A	Chronic Toxicity: None Known	
Skin Sensitizer: Category 1		

Hazard Statements	Precautionary Statements
H320: Causes eye irritation	P261: Avoid breathing mist/vapors/spray
H317: May cause allergic skin reaction	P264: Wash hands thoroughly after handling
H336: May cause drowsiness or dizziness	P273: Avoid release to the environment
H402: Harmful to aquatic life	P280: Wear appropriate protective gloves/eye protection

Risk Phrases	Safety Phrases
R21/22: Harmful in contact with skin and if swallowed	S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
R26/27/28: Irritating to eye, respiratory system and skin	S36/37: Wear suitable protective clothing and gloves
R43: May cause sensitization by skin contact	S45: In case of an accident or if you feel unwell, seek medical advice immediately
R51: Toxic to aquatic organisms	S61: Avoid release to the environment
R67: Vapors may cause drowsiness and dizziness	

SAFETY DATA SHEET

Revision #0

Product name: **ONE TOUCH REVOLUTION**
Last revised date: 30 Nov 2017
Expiry date: 30 Nov 2020

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

Inhalation: Inhalation of vapors may cause irritation of the upper respiratory system
Contact with Skin: Topical anesthetic. Contact with skin may cause irritation and allergen.
Eye Contact: Contact with the eyes can cause irritation and/or redness. Will anesthetize mucous membranes and may act as an allergen.
Ingestion: Not expected to be a normal route of entry. Topical anesthetic. May induce CNS depression, drowsiness and possible respiratory depression.
Chronic: Anesthetic. Tetracaine hydrochloride may cause sensitization and allergic reaction.
Target Organs: **Acute:** Skin, eyes, respiratory tract **Chronic:** Skin

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT:	CAS No:	% wt:	HAZARDOUS:
Tetracaine Hydrochloride	136-47-0	2.0	yes
Benzocaine	N/Av	18.0	yes
Propylene Glycol	57-55-6	36 - 37.5	yes
Polyethylene Glycol	25322-68-3	35 - 38	yes

4. FIRST AID MEASURES

EYES: Wash eyes with plenty of water for at least 15 minutes. Remove contact lenses if present. If irritation persists or blurred vision continues, contact physician.
SKIN: Wash skin thoroughly after handling. Seek medical attention if irritation persists. Remove contaminated clothing. Launder before re-use.
INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.
INHALATION: N/Av
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin problems may be aggravated by prolonged exposure to this product.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and reduce over-exposure.

5. FIREFIGHTING MEASURES

FLASH POINT: > 250 °F
AUTOIGNITION TEMPERATURE: Not established
FLAMMABLE LIMITS (in air, by volume, %): Lower (LOL): Not Established
Upper (UEL): Not Established

SAFETY DATA SHEET

Revision #0

Product name: **ONE TOUCH REVOLUTION**
Last revised date: 30 Nov 2017
Expiry date: 30 Nov 2020

UNUSUAL FIRE AND EXPLOSION HAZARDS: This product may produce hazardous combustion by-products.

SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear self-contained breathing apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

FLAMMABILITY: N/Av

COMBUSTIBLE: N/Av

HAZARDOUS COMBUSTION PRODUCTS: N/Av

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Personnel should be trained for spill response operations.

SPILLS: Contain spill if safe to do so. Soak up with an absorbent material and place in an appropriate closed container for disposal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

Small spills can be wiped with absorbent paper. Large spills should be absorbed with sand, earth or similar material or mopped up and wash with water.

7. HANDLING AND STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting this product on you or in you. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors/mists/sprays generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

STORAGE AND HANDLING PROCEDURES: Containers of this product must be properly labeled. Store containers in a cool, dry location (below 25 °C) away from heat and sources of ignition. Keep container tightly closed when not in use. Store away from incompatible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation to control airborne mist/vapor/dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

SAFETY DATA SHEET

Revision #0

Product name: **ONE TOUCH REVOLUTION**
Last revised date: 30 Nov 2017
Expiry date: 30 Nov 2020

RESPIRATORY PROTECTION: Not normally required when using this product. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the US Federal OSHA Respiratory Protection Standards (29 CFR 1910.134), equivalent US State Standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Although eye protection is not normally required when using this product, splash goggles or safety glasses with side shields are recommended where splashing is possible. If necessary, refer to US OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

HAND PROTECTION: Compatible protective gloves recommended as appropriate for task. Wash hands after removing gloves. If necessary, refer to US OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate standards of Canada, Australian Standards, or relevant Japanese Standards.

BODY PROTECTION: Not normally required when using this product. Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, viscous, colour characteristic of flavour
ODOUR: Characteristic of flavour
PHYSICAL STATE: Gel
pH: 3.00-5.00
BOILING POINT: N/Av
FREEZING POINT: N/Av
EVAPORATION RATE: N/Av
SPECIFIC GRAVITY @ 25 ± 1°C: 1.07 - 1.11 g/mL
VISCOSITY: 35000-120,000 cps
VAPOUR PRESSURE (mmHg): N/Av
SOLUBILITY: N/Av

10. STABILITY AND REACTIVITY

STABILITY: Product is stable.
CONDITIONS TO AVOID (STABILITY): Avoid with incompatible materials.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: When heated to decomposition this product may contain carbon dioxide, carbon monoxide and unidentified toxic and/or irritating compounds.

SAFETY DATA SHEET

Revision #0

Product name: **ONE TOUCH REVOLUTION**
Last revised date: 30 Nov 2017
Expiry date: 30 Nov 2020

11. TOXICOLOGICAL INFORMATION

TETRACAINE HYDROCHLORIDE Oral mouse LD50 160 mg/kg

BENZOCAINE Oral rabbit LD50 1150 mg/kg

PROPRIETARY Oral rat LD50 20 - 34 g/kg

PROPRIETARY Oral rat LD50 16 g/kg

IRRITANCY OF PRODUCT: Contact with this product can be irritating to exposed skin, eyes, and respiratory system.

SENSITIZATION OF PRODUCT: An ingredient in this product is considered a skin sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: None available.

12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

ENVIRONMENTAL STABILITY: No data available at this time.

EFFECT OF MATERIAL ON PLANTS OR ANIMALS: No data available at this time.

EFFECT OF MATERIAL ON AQUATIC LIFE: No data available at this time.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, provincial, and federal law.

14. TRANSPORT INFORMATION

US DOT; IATA; IMO; ADR: This product is not hazardous as defined by 49 CFR 172.101 by the US Department of Transportation.

PROPER SHIPPING NAME: Non-Regulated Material

HAZARD CLASS NUMBER AND DESCRIPTION: None

UN IDENTIFICATION NUMBER: None

PACKING GROUP: None

DOT LABEL(S) REQUIRED: None

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004): None

MARINE POLLUTANT: None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

US DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:

This product is not classified as dangerous goods, per US DOT Regulations, under 49 CFR 172.101.

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOOD REGULATIONS:

This product is not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is not classified as Dangerous Goods, by rules of IATA.

SAFETY DATA SHEET

Revision #0

Product name: **ONE TOUCH REVOLUTION**
Last revised date: 30 Nov 2017
Expiry date: 30 Nov 2020

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is not classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

15. REGULATORY INFORMATION

WHMIS CATEGORY: Exempt - Drug Product

16. OTHER INFORMATION

Prepared for: Hager Worldwide Inc.

Disclaimer

No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any nature are made with respect to the product or information contained in this Material Safety Data Sheet. All information contained herein is presented in good faith and is believed to be appropriate and accurate. However, neither the above named supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The buyer or user assumes all risks associated with the use, misuse or disposal of this product. The buyer or user is responsible to comply with all federal, state, provincial, or local regulations concerning the use, misuse, or disposal of these products.