

SAFETY DATA SHEET

Revision #1

Product name: **REVIVE**
Last revised date: 10 December 2015
Expiry: 10 December 2018

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Revive
MANUFACTURER: Germiphene Corporation
ADDRESS: 1379 Colborne Street East, Brantford, Ontario N3T 5M1, Canada
PHONE: 519-759-7100
FAX: 519-759-1625
EMERGENCY PHONE: CANUTEC 613-996-6666
PRODUCT USE: Medical, dental, aesthetic instruments rust removal.

2. HAZARD IDENTIFICATION



SYMBOLS:

SIGNAL WORD: Danger

GHS Classification:

	Health	Environmental	Physical
Eye Irritant:	Category 1		
Skin Irritant:	Category 2		
Acute Toxicity:	Category 5		

Hazard Statements	Precautionary Statements
H318: Causes serious eye damage	P280: Wear protective gloves, eye protection, and face protection.
H315: Causes skin irritation	P264: Wash hands thoroughly after handling.
H303: May be harmful if swallowed	P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P310: Immediately call a poison center or doctor.
	P302+P352: IF ON SKIN: Wash with plenty of water.
	P332+P313: If skin irritation occurs, get medical attention.
	P362+P364: Take off contaminated clothing and wash it before reuse.
	P312: Call a poison center if you feel unwell.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Isopropyl alcohol
CAS No 67-63-0 **% wt** 2-8
HAZARDOUS: yes

INGREDIENT: Proprietary mixture of alpha hydroxy acids
CAS No n/a **% wt** 60-80
HAZARDOUS: mild

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4. FIRST AID MEASURES

EYES: Immediately flush eyes with running water for at least 15 minutes, holding the eyelids apart to ensure rinsing of the entire surface of the eye and lids. Seek medical attention immediately.

SKIN: Wash with large amount of running water and soap. Remove contaminated clothing and shoes. Wash clothing and decontaminate shoes before reuse.

INGESTION: Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. Seek medical attention immediately. Do not induce vomiting.

INHALATION: Remove victim to fresh air. Monitor patient for respiratory distress. Seek medical attention.

5. FIREFIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, foam, water.
SPECIAL FIREFIGHTING PROCEDURES: Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment. Neutralize with soda or sodium carbonate and flush with plenty of water. Soak up with inert absorbent material (e.g. sand, silica gel, universal binder, sawdust). Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities. Do not store with aluminum or magnesium. Do not mix with acids or organic materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Ensure adequate ventilation, especially in confined areas.

RESPIRATORY PROTECTION: Use respirator when performing operations involving potential exposure to vapour of the product.

EYE PROTECTION: Goggles are recommended.

SKIN PROTECTION: Rubber gloves are recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Use lightweight protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Slightly yellowish, translucent liquid

ODOUR: Specific

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 4-6

SPECIFIC GRAVITY @ 23°C: 1.272

SOLUBILITY IN WATER: Infinite

VISCOSITY: Viscous

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10. STABILITY AND REACTIVITY

STABILITY: Stable at normal conditions.

Conditions to avoid: Avoid temperatures above 200°C.

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing agents. Sodium hydroxide in contact with acids and organic halogen compounds, especially trichloroethylene, may cause violent reactions. Contact with nitromethane and other similar nitro compounds causes formation of shock-sensitive salts. Sodium hydroxide, even in fairly dilute solution, reacts readily with various sugars to produce carbon monoxide.

Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapours.

Hazardous polymerization: Does not occur.

11. TOXICOLOGICAL INFORMATION

ISOPROPYL ALCOHOL Oral rat LD50 5045 mg/kg
Inhalation LD50 16000 ppm / 8hr
Dermal rabbit LD50 12800 mg/kg

ALPHA HYDROXY ACIDS Oral rat LD50 2,000 mg/kg
Skin corrosion/irritation: no information available

12. ECOLOGICAL INFORMATION

N/Av

13. DISPOSAL CONSIDERATIONS

Waste disposal method: According to state, federal, provincial, and local regulations.

14. TRANSPORT INFORMATION

Transport hazard class: N/A

15. REGULATORY INFORMATION

GHS Classification:

	Health	Environmental	Physical
Oral Toxicity:	Unclassified		
Eye Irritant:	Category 1		
Skin Irritant:	Category 2		

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16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

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