



GO₂ Material Safety Data Sheet

A

HOT LINE NUMBER

Have the product container or label with you when calling the poison control center or doctor, or going for treatment. You may also contact **1-800-424-9300** (Outside USA: +1.703.527.3887) for emergency medical treatment information.

Chemical Product

GO₂ Component A

1	Manufacturer Identification	Produced in the United States by GO ₂ International, 2625 Townsgate Road, Suite 330, Westlake Village, CA 91361, USA Toll-Free +1.877.369.4872 Email: info@go2intl.com	U.S. EPA Reg. No. 84912-2 U.S. EPA Est. No. 33199-CA-01
2	Composition/Ingredients		
	<i>Chemical characterization</i>	▶ Powder composition containing Sodium Chlorite (CAS 7758-19-2) and additives	
	<i>EINECS-Nr./EC-Nr./ELINCS-Nr.</i>	▶ 231-836-6	
	<i>Danger Symbol</i>	▶ O (oxidizing)	
3	Hazard Information		
		▶ Harmful if swallowed ▶ Contact with combustible material may cause fire ▶ Toxic on contact with skin ▶ Develops chlorine dioxide on contact with acids ▶ Causes burns	
4	First Aid Measures		
	<i>General indications</i>	▶ Body and eye protection ▶ Remove soiled or soaked clothing immediately	
	<i>After inhalation</i>	▶ Take affected persons out into fresh air	
	<i>After skin contact</i>	▶ If irritations persist: seek medical advice	
	<i>After eye contact</i>	▶ Instantly flush with copious amounts of water	
	<i>After ingestion</i>	▶ Immediately seek medical advice and show packaging with label to physician	
	<i>Directions for the Doctor</i>	▶ Immediately seek medical attention and show packaging with label to physician	
5	Fire Fighting Procedures		
	<i>Extinguishing Media</i>	▶ Water and foam	
	<i>Unsuitable Extinguishing Media</i>	▶ Carbon Dioxide	
	<i>Fire Fighting Instructions</i>	▶ Wear protective clothing + self-contained breathing apparatus ▶ A fire breakout may cause dangerous smoke & gas ▶ In case of fire: instantly separate the two components A & B by placing them in a safe room	
6	Accidental Spill or Release Procedures		
	<i>Personal</i>	▶ Wear Protective clothing	
	<i>Security rules</i>	▶ Recover product and place in an appropriate airtight container	
	<i>Cleaning directions</i>	▶ Ventilate and clean the spill area with equipment ▶ Avoid formation of dust ▶ Rinse spill residue with soda solution and plenty of water	
7	Handling and Storage of Powder		
	<i>Handling</i>	▶ Avoid formation of dust during handling/pouring ▶ Store only in original packaging ▶ Do NOT partially use powders; Use entire contents of package ▶ Wear protective gloves ▶ Protect against humidity	
	<i>Fire and explosion protection instructions</i>	▶ Avoid heat ▶ Keep away from acids, and combustible materials	
	<i>Storage</i>	▶ Store Components A and B separately or in a UN certified shipping box in a cool and dry storage room	
	<i>Storage Room</i>	▶ Cool, dry, clean and locked	
	<i>Requirements of containers</i>	▶ Useable materials are PE, PP, PVC	
	<i>Combined Storage</i>	▶ Keep containers dry and clean ▶ Keep away from acids, reducing agents and organic substances	
8	Exposure Controls / Personal Protection		
		▶ Keep away from food and beverages ▶ When touching clothing immediately rinse with water	
	<i>Skin</i>	▶ Avoid skin contact. Wear protective clothing and dust mask	
	<i>Eyes</i>	▶ Wear Goggles	
	<i>Hand protection</i>	▶ Wear PVC protective gloves	
9	Physical/Chemical properties		
	<i>Physical state/appearance</i>	▶ Powder/Granulate	
	<i>Color</i>	▶ White	
	<i>Odor</i>	▶ Almost Odorless	
	<i>Solubility</i>	▶ 250g/l water (200 C)	
	<i>pH-value</i>	▶ 2-10 approx. 100g/l water	

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Chemical Product

GO₂ Component A

10 Stability and reactivity

- ▶ Thermal critical point >180° C
- ▶ Product is combustible (do not bring it in contact with other combustible goods)
- ▶ Product is oxidative

- Avoid*
- ▶ Heating reactions, humidity
 - ▶ Reducing Agents (Transformation)
 - ▶ Oxidizers (gas formation)
 - ▶ Acids (gas formation)

11 Toxicological information

- Acute oral toxicity* ▶ LD50 = 200 – 2000 mg/kg (in rats) (OECD 401)
- Dermal toxicity* ▶ LD50 = 50 – 400 mg/kg (in rats) (OECD 402)
- Irritant on Skin* ▶ Corrosive (Rabbit OECD 404)

12 Ecological and Health information

- Fish toxicity* ▶ LC50 (96 h) = 100 – 2000 mg/L (Brachydanio rerio, OECD 203)
- Bacteria toxicity* ▶ EC50 = 100-800 mg/L (OECD209)

13 Disposal indications

- Dispose of product in accordance with local regulations**
- Waste key number* ▶ 060714
- Waste name* ▶ Inorganic chemical disposal
▶ Soluble
- Original Packaging* ▶ Do not reuse original packaging
▶ Clean empty packaging with water

14 Transport information

- Dangerous product described by transport regulations GGVS/GGVE/RID/ADR/IMDG-Code/ICAO-TI**
- Transport by ADR/RID/IMDG/ICAO/IATA/ICAO classes* ▶ Class 5.1 / II
- Hazard Number* ▶ 50-B
- UN-number* ▶ UN1496
- MFAG / EmS* ▶ 741 / 5.1- 06
- Product Name* ▶ Composition containing sodium chlorite
- Remarks* ▶ Store in a cool and dry place, keep away from direct light, protect against fire

15 Regulations

Labeling EC-directives 67/548/EECs The product is classified

Recognition numbers and hazard symbols and signs

O, T Oxidizing



- R-Phrases*
- 8** ▶ Contact with combustible material may cause fire
 - 22** ▶ Harmful if swallowed
 - 24** ▶ Toxic in contact with skin
 - 32** ▶ Contact with acids creates toxic gas
 - 34** ▶ Causes burns
- S-Phrases*
- 1/2** ▶ Keep locked up and out of the reach of children
 - 14** ▶ Keep away from acids
 - 17** ▶ In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
 - 26** ▶ Keep away from combustible material
 - 36/37/39** ▶ Wear suitable protective clothes, gloves, eye/face protection.
 - 45** ▶ In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16 Other Information

This information is based on our present state of knowledge and is intended to describe our product with respect to possible safety demands. We provide no guarantee of properties or description of qualities.

Extra Remarks

Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely. If respirator protection is used, follow all requirements for respiratory programs set forth in OSHA regulations (29 CFR 1910.134)

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