



# GO<sub>2</sub> Material Safety Data Sheet







## 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	GO <sub>2</sub> <sup>TM</sup> (Acidified Sodium Chlorite)	
<b>1</b>	<b>MANUFACTURER IDENTIFICATION</b>	Produced in the United States by GO <sub>2</sub> International, 2625 Townsgate Road, Suite 330, Westlake Village, CA 91361, USA Toll-Free +1.877.369.4872      Email: <a href="mailto:info@go2intl.com">info@go2intl.com</a>
<b>2</b>	<b>COMPOSITION/INGREDIENTS</b>	Chemical characterization ▶ Liquid Acidified Sodium Chlorite 4g/Liter EINECS-Nr./EC-Nr./ELINCS-Nr. ▶ Acidified Sodium Chlorite (CAS 7758-19-2) Danger Symbol ▶ <b>O</b> (oxidizing) ▶ <b>C</b> (corrosive)
<b>3</b>	<b>HAZARD INFORMATION</b>	▶ Health damage after ingestion ▶ Skin eruptions may occur after direct contact ▶ Causes corrosion injuries ▶ Product is combustible (do not bring it in contact with other combustible goods) ▶ Acidified Sodium Chlorite Gas Fumes cause respiratory problems
<b>4</b>	<b>FIRST AID MEASURES</b>	General indications ▶ Body and eye protection After skin contact ▶ Instantly flush with copious amounts of water and soap or mild detergent After eye contact ▶ With open eyelid, instantly flush with copious amounts of lukewarm water for minimum 15 minutes and seek medical attention After ingestion ▶ Flush mouth with water ▶ Instantly drink water in small quantities ▶ Immediately seek medical attention Directions for the doctor ▶ Stomach Flush with gastroscope
<b>5</b>	<b>FIRE FIGHTING PROCEDURES</b>	▶ Water Extinguishing media ▶ Foam Non-suitable extinguishing media ▶ Wear protective clothing and self-contained breathing apparatus. Fire fighting instructions ▶ Fire may cause dangerous smoke/gas: Acidified Sodium Chlorite Hazardous combustion products ▶ Not Applicable Flash point & method ▶ Not Applicable Auto-ignition temperature ▶ Not Applicable Upper flammability ▶ Not Applicable Lower flammability ▶ Not Applicable Mechanical impact sensitivity ▶ Not Applicable Static discharge sensitivity ▶ Not Applicable
<b>6</b>	<b>ACCIDENTAL SPILL OR RELEASE PROCEDURES</b>	Personal ▶ Wear Protective clothing and respiratory equipment Security rules ▶ Recover product and place in an appropriate airtight container Cleaning directions ▶ Ventilate and clean the spill area with equipment ▶ Avoid formation of dust ▶ Rest spill flush with soda solution and flush with copious water
<b>7</b>	<b>HANDLING AND STORAGE OF CONCENTRATE</b>	Handling ▶ Keep away from dirt ▶ Store only in a designated vessel or container ▶ Follow Dosage instructions ▶ Wear protection gloves and respiratory equipment ▶ Protect against humidity Fire and explosion protection ▶ Avoid heat indications ▶ Keep away from acids, and combustible materials Storage ▶ <b>Dark</b> and <b>Cool</b> Storage Storage room ▶ Cool, dry, clean and locked, well ventilated Requirements of containers ▶ Useable materials are PE, PP, PVC (UV blocking) ▶ Containers must be dry and clean; clean with air sweep ▶ Containers must be sealable Combined storage ▶ Keep away from metal salts, alkaloids, reducers and combusting materials
<b>8</b>	<b>EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	▶ Keep away from food and beverages ▶ When touching clothing immediately rinse with water Skin ▶ Avoid skin contact. Wear protective clothing Inhalation ▶ Avoid inhalation of Acidified Sodium Chlorite at any time. Use respiratory equipment Eyes ▶ Wear goggles Hand protection ▶ Wear PVC protective gloves Personal hygiene ▶ Always wash hands after handling GO <sub>2</sub> ▶ Respect the usual standard security procedures for chemicals

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<b>9</b>	<b>PHYSICAL/CHEMICAL PROPERTIES</b>	Physical state/appearance ▶ Liquid solution Color ▶ Pale yellow Odor ▶ Similar to chlorine Specific Gravity ▶ 1.15 g / Liter MAX ▶ 0.4 gm/L (4 ppm) Solubility in water ▶ Unlimited																																																																						
<b>10</b>	<b>STABILITY AND REACTIVITY</b>	▶ Product is fire enhancer (contact with other combustible goods might cause ignition) ▶ Product is oxidative  Avoid ▶ Heating reactions ▶ Metal salts (Transformation) ▶ Reducing Agents (Transformation) ▶ Oxidizers (Gas formation) ▶ Combustibles (Fire Danger)																																																																						
<b>11</b>	<b>TOXICOLOGICAL INFORMATION</b>	Acute oral toxicity ▶ Corrosive injuries in mouth and oesophagus Dermal toxicity ▶ Corrosive																																																																						
<b>12</b>	<b>ECOLOGICAL AND HEALTH INFORMATION</b>	▶ Kills all known water-borne viruses, bacteria, fungi, algae, mold, spores, giardia, cryptosporidia ▶ No harmful Disinfection By-products (DBP's) ▶ No THM's, HAA's, MX, bromides and bromines																																																																						
<b>13</b>	<b>DISPOSAL INDICATIONS</b>	▶ Use an approved reducing agent (e.g. sodium sulfate) ▶ Dispose of product in accordance with official local regulations  Waste key number ▶ 133200 Waste Name ▶ Soluble, other salts																																																																						
<b>14</b>	<b>TRANSPORT INFORMATION</b>	▶ Dangerous product described by transport regulations (GGVS/GGVE/RID/ADR/IMDG-Code/ICAO-TI)  Transport by land ADR/RID classes ▶ Class 8 / II ADR UN-number ▶ UN1908 Product type indicator ▶ Acidified Sodium Chlorite Remarks ▶ Store in a cool and dry place, keep away from direct light, protect against fire																																																																						
<b>15</b>	<b>REGULATIONS</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Labeling marks according to EC-directives 67/548/EECs</td> <td style="padding: 2px;">The product is classified and marked</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 30%;"></td> </tr> <tr> <td style="padding: 2px;">Recognition numbers and hazard symbols and signs</td> <td style="padding: 2px;">O (oxidizing) C (corrosive)</td> <td></td> <td></td> <td style="text-align: center; vertical-align: middle;">   </td> </tr> <tr> <td style="padding: 2px;">Danger Component</td> <td colspan="4" style="padding: 2px;">Acidified Sodium Chlorite concentrate</td> </tr> <tr> <td style="padding: 2px;">R-Phrases</td> <td style="padding: 2px;"><b>8</b></td> <td style="padding: 2px;">Contact with combustible material may cause fire</td> <td colspan="2"></td> </tr> <tr> <td></td> <td style="padding: 2px;"><b>22</b></td> <td style="padding: 2px;">Harmful if swallowed</td> <td colspan="2"></td> </tr> <tr> <td></td> <td style="padding: 2px;"><b>24</b></td> <td style="padding: 2px;">Toxic in contact with skin</td> <td colspan="2"></td> </tr> <tr> <td></td> <td style="padding: 2px;"><b>32</b></td> <td style="padding: 2px;">Contact with acids produces toxic gas</td> <td colspan="2"></td> </tr> <tr> <td></td> <td style="padding: 2px;"><b>34</b></td> <td style="padding: 2px;">Causes burns</td> <td colspan="2"></td> </tr> <tr> <td style="padding: 2px;">S-Phrases</td> <td style="padding: 2px;"><b>17</b></td> <td style="padding: 2px;">Keep away from combustible material</td> <td colspan="2"></td> </tr> <tr> <td></td> <td style="padding: 2px;"><b>23</b></td> <td style="padding: 2px;">Do not breathe gas</td> <td colspan="2"></td> </tr> <tr> <td></td> <td style="padding: 2px;"><b>26</b></td> <td style="padding: 2px;">In case of contact with eyes, rinse immediately with plenty of water and seek medical advice</td> <td colspan="2"></td> </tr> <tr> <td></td> <td style="padding: 2px;"><b>36/37/39</b></td> <td style="padding: 2px;">Wear suitable protective clothes, gloves, eye/face protection</td> <td colspan="2"></td> </tr> <tr> <td></td> <td style="padding: 2px;"><b>42</b></td> <td style="padding: 2px;">Wear suitable respiratory equipment when handling GO<sub>2</sub> Acidified Sodium Chlorite concentrate</td> <td colspan="2"></td> </tr> <tr> <td></td> <td style="padding: 2px;"><b>45</b></td> <td style="padding: 2px;">In case of accident or if you feel ill, seek medical advice immediately (show the label where possible)</td> <td colspan="2"></td> </tr> </table>	Labeling marks according to EC-directives 67/548/EECs	The product is classified and marked				Recognition numbers and hazard symbols and signs	O (oxidizing) C (corrosive)			 	Danger Component	Acidified Sodium Chlorite concentrate				R-Phrases	<b>8</b>	Contact with combustible material may cause fire				<b>22</b>	Harmful if swallowed				<b>24</b>	Toxic in contact with skin				<b>32</b>	Contact with acids produces toxic gas				<b>34</b>	Causes burns			S-Phrases	<b>17</b>	Keep away from combustible material				<b>23</b>	Do not breathe gas				<b>26</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice				<b>36/37/39</b>	Wear suitable protective clothes, gloves, eye/face protection				<b>42</b>	Wear suitable respiratory equipment when handling GO <sub>2</sub> Acidified Sodium Chlorite concentrate				<b>45</b>	In case of accident or if you feel ill, seek medical advice immediately (show the label where possible)		
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<b>16</b>	<b>OTHER INFORMATION</b>	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. <b>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)</b>																																																																						
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