



Material Safety Data Sheet  
QWATRO SANI BRIGHT 12  
DATE: January 2018

Section 1 – Material Identification

MANUFACTURER'S NAME: QWATRO CORPORATION  
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PRODUCT: QWATRO SANI BRIGHT 12  
MATERIAL USE: CLEANING, SANI BRIGHT 12

HEALTH:  
PERSONAL PROTECTION:  
REACTIVITY:  
FLAMMABILITY:  
(CLASSIFICATIONS: 0 = MINIMAL 1 = SLIGHT 2 = MODERATE 3 = SERIOUS 4 = EXTREME)

Section 2 – Hazardous Ingredients of Materials

Chemical Identity

CAS Number

%

LD50/LC50

SODIUM HYPOCHLORITE

7681-52-9

4 - 12

ORAL RAT 850 MG/KGM

CAUSTIC SODA

1310-73-2

0.1 – 0.5

ORAL RAT 500 MG.KGM 10% SOL'N

Section 3 – Physical Data for Material

PHYSICAL STATE (GAS/LIQUID/SOLID): Liquid

ODOUR/APPEARANCE: Faint bleach odour, clear, slightly yellow

ODOUR THRESHOLD (PPM): N/A

SPECIFIC GRAVITY: 1.10 +/- 0.5

VAPOUR PRESSURE (MM): <25 at 20°C

VAPOUR DENSITY (AIR = 1): N/A

EVAPORATION RATE: ~water

BOILING POINT (°C): 100°C

FREEZING POINT (°C): <-5°C

SOLUBILITY IN WATER (20°C): Complete

% VOLATILE (BY VOL.): N/A



pH: 11

#### Section 4 – Fire and Explosion Hazard

FLAMMABILITY: No

MEANS OF EXTINCTION: Water, foam, carbon dioxide, dry chemical

FLASHPOINT (°C) AND METHOD: Does not ignite

UPPER EXPLOSION LIMIT (% BY VOL.): N/A

SPECIAL PROCEDURES: Ventilate area. Flush product with water; prevent released product from coming in contact with other chemicals

LOWER EXPLOSION LIMIT (% BY VOL.): N/A

AUTO-IGNITION TEMP. (°C): N/A

TDG FLAMMABILITY CLASSIFICATION:

HAZARDOUS COMBUSTION PRODUCTS: Acids, vigorous reaction with oxidizing or organic materials, may explode when exposed to extreme heat

SPECIAL FIRE HAZARDS: Heat, fire, organic matter and nitrogen

#### Section 5 – Reactivity Data

CHEM. STABILITY: N/A

INCOMPATIBILITY TO SUBSTANCES: Avoid heat, fire organic matter, nitrogen, acids

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine (by reaction with acids, ammonia, urea, nickel, copper and iron)

#### Section 6 – Toxicological Properties

##### ROUTE OF ENTRY

SKIN CONTACT: Yes

EYE CONTACT: Yes

INHALATION: Yes

INGESTION: Yes

##### EFFECTS OF ACUTE EXPOSURE

EYE: May cause severe

SKIN: May cause severe irritation

INGESTION: May cause severe irritation of G.I. Tract

INHALATION: Inhalation of chlorine mist or fumes may cause severe irritation of the nose and upper respiratory tract

EFFECTS OF CHRONIC EXPOSURE: N/A

#### Section 7 – Preventive Measures

##### PERSONAL PROTECTIVE EQUIPMENT

GLOVES: use impervious (Rubber, Nitrile) gloves

RESPIRATORY: Respirator when handling spills

EYE: Use protective glasses

ENGINEERING CONTROLS: General ventilation usually adequate

LEAK AND SPILL PROCEDURE: Contain spill, mop-up or soak-up with absorbent clay

WASTE DISPOSAL: Review federal, provincial and local government requirements prior to disposal



HANDLING PROCEDURES/EQUIPMENT: N/A

SPECIAL SHIPPING INFORMATION: SODIUM HYPOCHLORITE CLASS 8(9.2) P.I.N. # 1791 PK III

STORAGE REQUIREMENTS: Keep out of reach of children. Keep container closed. Keep in a cool place away from direct sunlight or heat. Store away from acids, ammonia & organic materials

#### Section 8 – First Aid Measures

SKIN: Wash with soap & water

EYE: Immediately flush with plenty of water. If irritation persists, consult a physician

INHALATION: Remove to fresh air. If symptoms persist, call a physician.

INGESTION: Do not induce vomiting. Drink large quantities of water. Call a physician immediately.

PREPARED BY: QWATRO LAB GROUP

NOTICE: INFORMATION CONTAINED IN THIS MSDS IS DRAWN FROM RELIABLE SOURCES. WE DO NOT ASSUME ANY LIABILITY IN CONNECTION WITH ITS INADEQUATE USE.