



Material Safety Data Sheet

BIOSHINE

DATE: January 2016

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Section 1 – Material Identification

MANUFACTURER'S NAME: QWATRO CORPORATION
VAUGHAN, ONTARIO
L4H 1X9

PRODUCT: BIOSHINE
MATERIAL USE: Multi-purpose cleaner, degreaser, deodorizer concentrate

TELEPHONE: (416) 675-2388
TOLL FREE: (866) 488-2788
FAX: (416) 675-0384
CANUTEC: (613) 996-6666

HEALTH: 0
PERSONAL PROTECTION: 0
REACTIVITY: 0
FIRE: 0

(CLASSIFICATIONS: 0 = MINIMAL 1 = SLIGHT 2 = MODERATE 3 = SERIOUS 4 = EXTREME)

Section 2 – Hazardous Ingredients of Materials

Chemical Identity	CAS Number	%	LD50/LC50
Surfactant Mixture	68991-48-0	3 – 7%	N.A.

Section 3 – Physical Data for Material

PHYSICAL STATE (GAS/LIQUID/SOLID): Liquid
ODOUR/APPEARANCE: Citrus odour, clear yellow liquid
ODOUR THRESHOLD (PPM):
SPECIFIC GRAVITY: 1.01 +/- .002 gm/cm

VAPOUR PRESSURE (MM): <25 HG at 20°C
VAPOUR DENSITY (AIR = 1): >1
EVAPORATION RATE: = water
BOILING POINT (°C): 100°C
FREEZING POINT (°C): <0°C
SOLUBILITY IN WATER (20°C): Complete
% VOLATILE (BY VOL.): 79.30
pH: 7.5 +/- 0.5

Section 4 – Fire and Explosion Hazard

FLAMMABILITY: No
MEANS OF EXTINCTION: Water, dry chemical, carbon dioxide
SPECIAL PROCEDURES: None
SENSITIVITY TO IMPACT: N/A
FLASHPOINT (°C) AND METHOD:
UPPER EXPLOSION LIMIT (% BY VOL.): N/A

LOWER EXPLOSION LIMIT (% BY VOL.): N/A
AUTO-IGNITION TEMP. (°C): N/A
TDG FLAMMABILITY CLASSIFICATION:
HAZARDOUS COMBUSTION PRODUCTS: Carbon Oxides

Section 5 – Reactivity Data

CHEM. STABILITY: Stable
INCOMPATIBILITY TO SUBSTANCES: Acids (mixture with acids will damage product)
REACTIVITY – CONDITIONS: Reactive with acids, but not dangerously hazardous
HAZARDOUS DECOMPOSITION PRODUCTS: None

Section 6 – Toxicological Properties

<p>ROUTE OF ENTRY</p> <p>SKIN CONTACT: No SKIN ABSORPTION: No EYE CONTACT: Yes INHALATION ACUTE: Yes INGESTION: Yes</p> <p>Exposure Limits: T.L.V. >48,000 MG/KG</p> <p>IRRITANCY OF MATERIALS: Eyes SENSITIZATION OF MATERIALS: Eyes SYNERGISTIC MATERIALS: None Known</p> <p>LD50 of MATERIAL: 17,000 MG/KG (oral, rat)</p>	<p>EFFECTS OF ACUTE EXPOSURE</p> <p>EYE: May cause some stinging, burning or irritation</p> <p>SKIN: No effects expected due to contact, however prolonged contact may cause some skin irritation to some individuals</p> <p>INGESTION: May cause gastrointestinal discomfort. May cause vomiting, diarrhea</p> <p>EFFECTS OF CHRONIC EXPOSURE: None</p> <p>CARCINOGENICITY: Non regulated as Carcinogen</p> <p>REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: None Known</p>
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Section 7 – Preventive Measures

<p>PERSONAL PROTECTIVE EQUIPMENT</p> <p>GLOVES: None required RESPIRATORY: None required EYE: Glasses if possible eye contact ENGINEERING CONTROLS: General ventilation</p> <p>LEAK AND SPILL PROCEDURE: Small quantities may be flushed with copious amounts of water. For large amounts, contain spill and collect into waste container. Flush spill area with water.</p> <p>WASTE DISPOSAL: Small quantity – sanitary sewer. Large quantity – handle through/via landfill dilution or incinerations</p> <p>HANDLING PROCEDURES/EQUIPMENT: Avoid contact with eyes</p> <p>SPECIAL SHIPPING INFORMATION: None required</p> <p>STORAGE REQUIREMENTS: Store in closed containers, away from children.</p> <p>SPECIAL PRECAUTIONARY STATEMENTS: Please read and follow the direction on the product label. They are your best guide to using this product in the most effective way and they also give the necessary safety precautions to protect your health.</p>	
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Section 8 – First Aid Measures

<p>SKIN: Wash with water EYE: Immediately flush with large amounts of water lifting upper and lower lids INHALATION: Remove to fresh air INGESTION: Induce vomiting. Give at least two glasses of water and get medical attention</p>	
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PREPARED BY: QWATRO LAB GROUP

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