

Jaychem Industries Limited

MATERIAL SAFETY DATA SHEET

Date Prepared: 15 August 2006

1. PRODUCT IDENTIFICATION:

| | |
|----------------|--|
| Product Name: | Stock Iodine (10%, 2.5%) |
| UN Number: | N/A |
| Product Type: | Liquid |
| Product Class: | Supplement |
| Manufacturer: | Jaychem Industries Ltd. |
| Address: | Andromeda Crescent, East Tamaki, Auckland. |
| Telephone: | 09 274 6647 |
| Fax | 09 274 1358 |

2. COMPOSITION/ INFORMATION ON INGREDIENTS:

| | |
|-----------------------------|------------------------|
| Proprietary: | No |
| Ingredient: | Deionised water |
| Ingredient Sequence Number: | 01 |
| Percent: | 85-95 |
| CAS Number: | 7732-18-5 |

| | |
|-----------------------------|---------------|
| Proprietary: | No |
| Ingredient: | Iodine |
| Ingredient Sequence Number: | 02 |
| Percent: | <10 |
| CAS Number: | 7553-56-2 |

| | |
|-----------------------------|-------------------------|
| Proprietary: | No |
| Ingredient: | Potassium Iodide |
| Ingredient Sequence Number: | 03 |
| Percent: | <5 |
| CAS Number: | 7681-11-0 |

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3. PHYSICAL/CHEMICAL CHARACTERISTICS:

| | |
|------------------------------|-------------------------|
| Appearance: | clear dark brown liquid |
| Boiling Point: | NA |
| Vapour Pressure(MM Hg/70 F): | NA |
| Specific gravity: | 1.1 |
| Evaporation rate and ref: | <1 (BUAC=1) |
| Solubility in water: | Excellent |
| PH: | 5.0-6.5 |

4. FIRE AND EXPLOSION HAZARD DATA:

| | |
|-------------------------------------|---|
| Flash Point: | NA |
| Lower Explosive Limit: | NA |
| Upper Explosive Limit: | NA |
| Extinguishing Media: | Use media suitable for surrounding materials. |
| Unusual Fire and Explosive Hazards: | None Known |

5. REACTIVITY DATA:

| | |
|-----------------------------------|----------------------------------|
| Stability: | Yes |
| Cond to Avoid (Stability): | None under normal use conditions |
| Materials to Avoid: | None Known |
| Hazardous Decomposition Products: | None Known |

6. HEALTH HAZARD DATA:

| | |
|----------------------------------|--------------------------------|
| Route of Entry-Inhalation: | NO |
| Route of Entry-Skin: | NO |
| Route of Entry-Ingestion | Toxic |
| Health Hazard Acute and Chronic: | Eyes/Skin:may cause irritation |

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7. CHEMWATCH HAZARD RATINGS:

| | |
|---------------|---------|
| Flammability: | Min/Nil |
| Toxicity: | Low |
| Body Contact: | Low |
| Reactivity: | Nil |
| Chronic: | Min/Nil |

8. PERSONAL PROTECTIVE EQUIPMENT FOR INDUSTRIAL/COMMERCIAL ENVIRONMENTS

In diluted form no protective equipment required

9. PHYSICAL DESCRIPTION/PROPERTIES

Clear dark brown liquid.

10. HEALTH HAZARD/ACUTE HEALTH EFFECTS

| | |
|-------------------|--|
| Swallowed: | No known effects if swallowed. |
| Eye: | The material may produce irritation to the eye causing pronounced inflammation. Immediately flush eyes with water for at least 15 minutes, while holding eyelid open. Seek medical attention at once. |
| Skin: | No known effects |

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11. PERSONAL PROTECTION

EYE

Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

HANDS/FEET

Not Applicable.

12. STORAGE AND TRANSPORT

SUITABLE CONTAINER

Packaging as recommended by manufacturer. Check that containers are clearly labelled.

STORAGE INCOMPATIBILITY

Observe manufacturer's storing and handling recommendations. Keep containers securely sealed. Store in a cool, dry and well-ventilated area. Store away from incompatible materials. Protect containers against physical damage. Check regularly for spills and leaks.

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith. However, no warranty or representation with respect to such information is intended or given.