

MATERIAL SAFETY DATA SHEET

**Maunco Cleaning Supplies Warehouse**

270 Adam Street, Belleville, Ontario, K8N 5S4  
Tel: 613-962-0437 Toll Free: 1-800-363-5376

**PRODUCT INFORMATION**

PRODUCT NAME *TURBULENCE*

CHEMICAL FAMILY *INORGANIC SALTS / AMINES*

WHMIS CLASS: *D2B*

**PHYSICAL PROPERTIES**

|                         |          |                                      |       |
|-------------------------|----------|--------------------------------------|-------|
| APPEARANCE AND ODOUR    | LIQUID   | BLUE                                 | CLEAN |
| BOILING POINT (°C)      | N.D.     | EVAPORATION RATE (nBuAc= 1)          | N.D.  |
| VAPOR PRESSURE (mm Hg)  | N.D.     | VISCOSITY (cps) 22°C 20rpm spindle # | N.D.  |
| VAPOR DENSITY (AIR = 1) | N.D.     | FREEZING POINT (°C)                  | N.D.  |
| SOLUBILITY IN WATER     | COMPLETE | pH                                   | 10,4  |
| VOLATILE BY VOLUME (%)  | 70,5     | SPECIFIC GRAVITY (WATER = 1)         | 1,072 |
| ACTIVE MATERIAL (%)     | 29,5     | THEORICAL SOLID CONTENTS (%)         |       |

**HAZARDOUS INGREDIENTS**

| INGREDIENTS                     | CAS OR UN number | %    | TLV (units) ACGIH |
|---------------------------------|------------------|------|-------------------|
| NONYLPHENOXYPOLYETHOXYETHANOL   | CAS 9016-45-9    | 7-13 | N.D.              |
| SODIUM TETRABORATE PENTAHYDRATE | CAS 1330-43-4    | 1-5  | 1mg / cubic meter |
| TRIETHANOLAMINE                 | CAS 102-71-6     | 1-5  | N.D.              |

**FIRE AND EXPLOSION HAZARD DATA**

|                                                                                                 |                                     |
|-------------------------------------------------------------------------------------------------|-------------------------------------|
| FLASH POINT (Method used): <i>N/A</i>                                                           |                                     |
| FLAMMABLE LIMITS                                                                                | LOWER: <i>N/A</i> UPPER: <i>N/A</i> |
| EXTINGUISHING MEDIA:                                                                            | <i>N/A</i>                          |
| SPECIAL FIRE FIGHTING PROCEDURES:                                                               | <i>N/A</i>                          |
| UNUSUAL FIRE AND EXPLOSIVE HAZARDS:                                                             | <i>N/A</i>                          |
| AUTOIGNITION TEMPERATURE: <i>N/A</i>                                                            |                                     |
| DATE: <i>October 15, 2015</i> phone: <i>(450) 687-6666 1-800-661-6660</i> Marc Lessard, chemist | DIRECTOR R&D                        |

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**TOXICOLOGICAL PROPERTIES**

|                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>THRESHOLD LIMIT VALUE: N.D.</i>                                                                                                                                                                                                                      |
| <i>EFFECTS OF OVEREXPOSURE:</i><br><i>SKIN CONTACT: IRRITATION</i><br><i>EYE CONTACT: IRRITATION</i><br><i>INHALATION</i><br><i>INGESTION IRRITATION</i>                                                                                                |
| <i>EMERGENCY AND FIRST AID PROCEDURES:</i><br><i>SKIN CONTACT: RINSE WITH WATER</i><br><i>EYE CONTACT: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES; CALL A PHYSICIAN</i><br><i>INHALATION</i><br><i>INGESTION DRINK PLENTY OF WATER; CALL A PHYSICIAN</i> |

**REACTIVITY DATA**

|                                              |                                 |
|----------------------------------------------|---------------------------------|
| <i>STABLE: STABLE</i>                        | <i>CONDITIONS TO AVOID: N/A</i> |
| <i>INCOMPATIBILITY WITH: N/A</i>             |                                 |
| <i>HAZARDOUS DECOMPOSITION PRODUCTS: N/A</i> |                                 |
| <i>HAZARDOUS POLYMERIZATION: NO</i>          | <i>CONDITIONS TO AVOID: N/A</i> |

**SPILL OR LEAK PROCEDURES**

**PREVENTIVES MEASURES**

|                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------|
| <i>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:</i><br><i>RINSE WITH PLENTY OF WATER</i>                        |
| <i>WASTE DISPOSAL METHOD:</i><br><i>FOLLOW FEDERAL, PROVINCIAL AND LOCAL ORDINANCES IN REGARDS WITH WATER BASE DETERGENTS</i> |

**SPECIAL PROTECTION INFORMATION**

|                                        |                                |
|----------------------------------------|--------------------------------|
| <i>RESPIRATORY PROTECTION: N/A</i>     |                                |
| <i>VENTILATION MECHANICAL GENERAL</i>  |                                |
| <i>PROTECTIVE GLOVES: RUBBER</i>       | <i>EYE PROTECTION: GOGGLES</i> |
| <i>OTHER PROTECTIVE EQUIPMENT: N/A</i> |                                |

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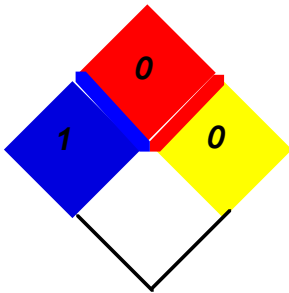
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**SPECIAL PRECAUTIONS**

|                     |         |          |
|---------------------|---------|----------|
| STORAGE TEMPERATURE | MIN 1°C | MAX 43°C |
| TDG: N.R.           |         |          |

NFPA



SIMD / HMIS

|                                                 |   |
|-------------------------------------------------|---|
| Santé / Health                                  | 1 |
| Inflammabilité / Flammability                   | 0 |
| Réactivité / Reactivity                         | 0 |
| Protection personnelle /<br>Personal protection | a |