

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

| 1.1 Product identifier | |
|----------------------------|---|
| Product Name | Chroma/Millennia Clean |
| Product Description | Clear liquid. |
| 1.2 Relevant identified | uses of the substance or mixture and uses advised against |
| Relevant identified use(s) | Liquid cleaning product |
| 1.3 Details of the suppl | lier of the safety data sheet |
| Manufacturer | IKONICS Corporation |
| | 4832 Grand Ave. Duluth, MN 55807 |
| | United States www.ikonics.com |
| | sds@ikonics.com |
| Telephone (Genera | al) • (218) 628-2217 |
| | • (800) 328-4261 - Toll free |
| 1.4 Emergency telepho | ne number |
| Chemtrec | 1-800-424-9300 - Within USA and Canada |
| | +1 703-527-3887 - Outside USA and Canada (collect calls accepted) |
| | |

Section 2: Hazards Identification

UN GHS

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2.1 Classification of the substance or mixture

| UN GHS | Flammable Liquids 3 Aspiration 1 Skin Irritation 2 Eye Irritation 2A Germ Cell Mutagenicity 1B Hazardous to the aquatic environment Chronic 3 |
|--------|--|
| | Hazardous to the aquatic environment Chronic 3 |

2.2 Label elements

UN GHS



Hazard statements • Flammable liquid and vapor May be fatal if swallowed and enters airways Causes skin irritation Causes serious eye irritation May cause genetic defects. Harmful to aquatic life with long lasting effects

Precautionary

statements

| Statemento | |
|--------------------|--|
| Prevention • | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flames and/or hot surfaces No smoking. Keep container tightly closed. Ground and/or bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. |
| _ | Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. |
| | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF exposed or concerned: Get medical advice/attention. Specific treatment, see supplemental first aid information. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media for extinction. |
| Storage/Disposal • | Store in a well-ventilated place. Keep cool. Store locked up. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. |
| Other hazards | |

2.3 Other hazards

UN GHS

• No data available

United States (US) According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

| OSHA HCS 2012 | Flammable Liquids 3 Assiration 4 |
|----------------------|--------------------------------------|
| | Aspiration 1 |
| | Skin Irritation 2 |
| | Eye Irritation 2A |
| | Germ Cell Mutagenicity 1B |
| 2.2. I abal alamanta | |

2.2 Label elements OSHA HCS 2012

DANGER



Hazard statements • Flammable liquid and vapor May be fatal if swallowed and enters airways Causes skin irritation Causes serious eye irritation May cause genetic defects.

Precautionary statements

| Prevention | Obtain special instructions before use. |
|-------------------|--|
| | Do not handle until all safety precautions have been read and understood. |
| | Keep away from heat, sparks, open flames and/or hot surfaces No smoking. |
| | Keep container tightly closed. |
| | Ground and/or bond container and receiving equipment. |
| | Use explosion-proof electrical/ventilating/lighting/equipment. |
| | Use only non-sparking tools. |
| | Take precautionary measures against static discharge. Wash thoroughly after handling. |
| | Wear protective gloves/protective clothing/eye protection/face protection. |
| Response | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. |
| | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| | If skin irritation occurs: Get medical advice/attention. |
| | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| | If eye irritation persists: Get medical advice/attention. |
| | IF exposed or concerned: Get medical advice/attention. |
| | Specific treatment, see supplemental first aid information. |
| | Take off contaminated clothing and wash before reuse. |
| | In case of fire: Use appropriate media for extinction. |
| Storage/Disposal | Store in a well-ventilated place. Keep cool. Store locked up. |
| | Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. |
| 2.3 Other hazards | |
| OSHA HCS 2012 | No data available |
| A 1 | |

Canada According to: WHMIS

| 2.1 Classification of the substance or mixture | | |
|--|--|--|
| WHMIS | Combustible Liquids - B3 Other Toxic Effects - D2B | |

2.2 Label elements WHMIS

- Combustible Liquids B3 Other Toxic Effects - D2B

2.3 Other hazards WHMIS

• No data available

2.4 Other information

NFPA



Section 3 - Composition/Information on Ingredients

3.1 Substances

3.2 Mixtures

| Composition | | | | | |
|---|---|------------------|--|---|----------|
| Chemical Name | Identifiers | % | LD50/LC50 | Classifications According to Regulation/Directive | Comments |
| Solvent naphtha (petroleum), light aromatic | CAS:64742-95- 6 EC Number:265- 199-0 EU Index:649- 356-00-4 EINECS:265- 199-0 | 30% TO 40% | Ingestion/Oral-Rat LD50 • 8400 mg/kg | WHMIS: UN GHS: Flam. Liq. 3; Skin Irrit. 2; Germ Cell Mut. 1B; Carc. 1B; STOT - SE 3;Asp. Tox. 1;Aquatic Chronic 2 OSHA HCS 2012: | NDA |
| 2-Propanol, 1- methoxy- | CAS:107-98-2 EC Number:203- 539-1 EU Index:603- 064-00-3 UN:UN3092 | 20% TO 30% | Inhalation-Rat LC50 • <u>10000 ppm 5 Hour(s)</u> Skin-Rabbit LD50 • 13 <u>g/kg</u> Ingestion/Oral-Rat LD50 • 6600 mg/kg | WHMIS: UN GHS: Flam. Liq. 3; Repr. Tox. 1B; STOT SE 3 OSHA HCS 2012: | NDA |
| 1-Propoxy-2- propanol | CAS:1569-01-3 EC Number:216- 372-4 EINECS:216- 372-4 | 20% TO 30% | Ingestion/Oral-Rat LD50 • 2504 mg/kg Skin-Rabbit LD50 • 3550 mg/kg | WHMIS: UN GHS: Flam. Liq. 3; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3 OSHA HCS 2012: | NDA |
| 2-Pyrrolidinone, 1- methyl- | CAS:872-50-4 EC Number:212- 828-1 EU Index:606- 021-00-7 EINECS:212- 828-1 | 10% | Ingestion/Oral-Rat LD50 • 3914 mg/kg Skin-Rabbit LD50 • 8 g/kg | WHMIS: UN GHS: Flam. Liq. 4; Skin Irrit. 2; Eye Irrit. 2A; Repr. Tox. 1B; STOT SE 3 OSHA HCS 2012: | NDA |

See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

4.1 Description of first aid measures

| Inhalation | IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration and call 911 or emergency medical service. | |
|--|--|--|
| Skin | IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. | |
| Eye | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. | |
| Ingestion | If swallowed, DO NOT induce vomiting. Call a physician or poison control center immediately. | |
| 4.2 Most important symptoms and effects, both acute and delayed | | |
| | Refer to Section 11 - Toxicological Information. | |
| 4.3 Indication of any immediate medical attention and special treatment needed | | |
| Notes to | If indested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat | |

| Notes to | • If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat |
|-----------|---|
| Physician | appropriately. |

Section 5 - Firefighting Measures

| 5.1 Extinguishing me | edia | | | |
|---------------------------------------|---|--|--|--|
| Suitable Extinguishing Media | SMALL FIRES: Dry chemical, CO2, water spray or regular foam. LARGE FIRE: Water spray, fog or regular foam. | | | |
| Unsuitable Extinguishing Media | No data available | | | |
| Firefighting Procedures | Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep unauthorized personnel away. Ventilate closed spaces before entering. | | | |
| 5.2 Special hazards | arising from the substance or mixture | | | |
| Unusual Fire and Explosion Hazards | Flammable; may be ignited by heat, sparks or flames. | | | |
| Hazardous Combustion | Products of combustion include: carbon oxides (COx), nitrogen oxides (NOx). | | | |

5.3 Advice for firefighters

Products

 Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
 Wear chemical protective clothing that is specifically recommended by the manufacturer.

It may provide little or no thermal protection.

Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

| Personal Precautions | • Ventilate enclosed areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not walk through spilled material. | |
|--|---|--|
| Emergency Procedures | • Personal protective equipment is required for clean-up personnel. Ventilate closed spaces before entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unauthorized personnel away. | |
| 6.2 Environmental precautions | | |
| | • LARGE SPILLS: Prevent entry into waterways, sewers, basements or confined areas. | |
| 6.3 Methods and material for containment and cleaning up | | |
| Containment/Clean-up Measures | Use appropriate Personal Protective Equipment (PPE) Stop leak if you can do it without risk. Section of you can do it without risk. | |

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in suitable container.

6.4 Reference to other sections

• Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

| 7.1 Precautions for safe handling | | |
|--|---|--|
| Handling | Use good safety and industrial hygiene practices. | |
| 7.2 Conditions for safe storage, including any incompatibilities | | |
| Storage | Do not store near heat, sparks or open flames. Keep container closed when not in use. | |
| 7.3 Specific end use(s) | | |
| | Refer to Section 1.2 - Relevant identified uses. | |

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

| | | | | Exposure Limits | s/Guidelines | | | |
|--|--------------|---------------------------------|-----------------|---------------------------------|---------------------------------|---------------|---------------------------------|-----------------------------------|
| | Result ACGIH | | Canada Alberta | Canada British Columbia | Canada M | lanitoba | Canada New Brunswick | |
| 2-Propanol, 1- methoxy- | STELs | 100 ppm ST | EL | 150 ppm STEL; 553 mg/m3 STEL | 75 ppm STEL | 100 ppm S | TEL | 150 ppm STEL; 553 mg/m3 STEL |
| (107-98-2) | TWAs | 50 ppm TWA | | 100 ppm TWA; 369 mg/m3 TWA | 50 ppm TWA | 50 ppm TWA | | 100 ppm TWA; 369 mg/m3 TWA |
| | | | Ex | posure Limits/Gu | idelines (Con't.) | | | |
| | Result | Canada No Territo | | Canada Nova Scotia | Canada Nunavut | Canada | Ontario | Canada Quebec |
| 2-Pyrrolidinone, 1- methyl- (872-50-4) | TWAs | Not established | | Not established | Not established | 400 mg/m3 TWA | | Not established |
| 2-Propanol, 1- | STELs | 150 ppm STEL; 540 mg/m3 STEL | | 100 ppm STEL | 150 ppm STEL; 540 mg/m3 STEL | 150 ppm STEL | | 150 ppm STEV; 553 mg/m3 STEV |
| methoxy- (107-98-2) | TWAs | 100 ppm TWA; 360 mg/m3 TWA | | 50 ppm TWA | 100 ppm TWA; 360 mg/m3 TWA | 100 ppm TWA | | 100 ppm TWAEV; 369 mg/m3 TWAEV |
| Exposure Limits/Guidelines (Con't.) | | | | | | | | |
| Result Canada Saskatchewan Canada Yukon | | | | | | | NIOSH | |
| 2-Pyrrolidinone, 1-methyl- (872-50-4) | | STELs | Not established | | 125 ppm STEL; 500 mg/m3 STEL | | Not established | |
| | | TWAs | Not established | | 100 ppm TWA; 400 mg/m3 TWA | | Not established | |
| 2-Propanol, 1-methoxy- | | STELs | 150 ppm STEL | | 150 ppm STEL; 450 mg/m3 STEL | | 150 ppm STEL; 540 mg/m3 STEL | |
| (107-98-2) | , | TWAs | 100 ppm | TWA | 100 ppm TWA; 360 mg/m3 TWA | | 100 ppm TWA; 360 mg/m3 TWA | |

Exposure Control Notations

ACGIH

•2-Propanol, 1-methoxy- (107-98-2): Carcinogens: (A4 - Not Classifiable as a Human Carcinogen)

Exposure Limits Supplemental

ACGIH

•2-Propanol, 1-methoxy- (107-98-2): **TLV Basis - Critical Effects:** (eye and upper respiratory tract irritation) •2-Pyrrolidinone, 1-methyl- (872-50-4): **BEIs:** (100 mg/L Medium: urine Time: end of shift Parameter: 5-Hydroxy-N-methyl-2-pyrrolidone)

8.2 Exposure controls

Engineering Measures/Controls

• Local exhaust ventilation.

Personal Protective Equipment

Pictograms



- Respiratory
- Eve/Face
- Hands
- Skin/Body
- **General Industrial Hygiene**

Considerations

Environmental Exposure Controls

- In case of insufficient ventilation, wear suitable respiratory equipment.
- Wear protective eyewear (goggles, face shield, or safety glasses).
- Wear protective gloves rubber or neoprene.
- Wear protective clothing apron or other impervious body coverings.
- Handle in accordance with good industrial hygiene and safety practice.
- No data available

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

| Material Description | | | |
|---------------------------------------|----------------------------|-------------------------------------|-------------------|
| Physical Form | Liquid | Appearance/Description | Clear liquid. |
| Color | Colorless | Odor | Petroleum |
| Taste | No data available. | Odor Threshold | No data available |
| General Properties | | | - |
| Boiling Point | 310 F(154.4444 C) | Melting Point | No data available |
| Decomposition Temperature | No data available | рН | Not relevant |
| Density | 7.51 lbs/gal | Water Solubility | Appreciable |
| Viscosity | No data available | Explosive Properties | Not relevant |
| Oxidizing Properties: | Not relevant | | |
| Volatility | | | |
| Vapor Pressure | 4 mmHg (torr) @ 20 C(68 F) | Vapor Density | No data available |
| Evaporation Rate | < 1 n-Butyl Acetate = 1 | VOC (Vol.) | 900 g/L |
| Flammability | | | |
| Flash Point | 38 C (100.4 F) | UEL | No data available |
| LEL | No data available | Autoignition | No data available |
| Flammability (solid, gas) | Not relevant | | |
| Environmental | | | - |
| Half-Life | No data available | Octanol/Water Partition coefficient | No data available |
| Bioaccumulation Factor | No data available | Bioconcentration Factor | No data available |
| Biochemical Oxygen Demand BOD/BOD5 | No data available | Chemical Oxygen Demand | No data available |
| Persistence | No data available | Degradation | No data available |

9.2 Other Information

• No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

• No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

• Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

• Hazardous polymerization will not occur.

10.4 Conditions to avoid

• Heat, sparks or open flame.

10.5 Incompatible materials

• Strong oxidizing or reducing agents.

10.6 Hazardous decomposition products

 No decomposition is expected under normal storage and use conditions. Hazardous decomposition products formed under fire conditions - carbon oxides (COx), nitrogen oxides (NOx).

Section 11 - Toxicological Information

11.1 Information on toxicological effects

| | Components | | | | |
|--|----------------|---|--|--|--|
| Solvent naphtha (petroleum), light aromatic (30% TO 40%) | 64742- 95-6 | Acute Toxicity: Ingestion/Oral-Rat LD50 • 8400 mg/kg; Behavioral:Somnolence (general depressed activity); Behavioral:Tremor; Lungs, Thorax, or Respiration:Other changes; Irritation: Eye-Rabbit • 100 µL 24 Hour(s) • Mild irritation | | | |
| 2-Propanol, 1-methoxy- (20% TO 30%) | | Acute Toxicity: Ingestion/Oral-Rat LD50 • 6600 mg/kg; Brain and Coverings:Other degenerative changes; Behavioral:General anesthetic; Lungs, Thorax, or Respiration:Dyspnea; Inhalation-Rat LC50 • 10000 ppm 5 Hour(s); Skin-Rabbit LD50 • 13 g/kg | | | |
| 1-Propoxy-2-propanol (20% TO 30%) | 1569- 01-3 | Acute Toxicity: Ingestion/Oral-Rat LD50 • 2504 mg/kg; <i>Behavioral</i> :Altered sleep time (inclue change in righting reflex); <i>Behavioral</i> :Ataxia; Skin-Rabbit LD50 • 3550 mg/kg; Irritation: Eye-Rabbit • 100 mg • Moderate irritation; Skin-Rabbit • 500 mg | | | |
| 2-Pyrrolidinone, 1-methyl- (10%) | | Acute Toxicity: Ingestion/Oral-Rat LD50 • 3914 mg/kg; Skin-Rabbit LD50 • 8 g/kg; Irritation: Eye-Rabbit • 100 mg • Moderate irritation | | | |

| GHS Properties | Classification | | |
|-------------------------------|---|--|--|
| Acute toxicity | OSHA HCS 2012• UN GHS• | | |
| Aspiration Hazard | OSHA HCS 2012•Aspiration 1 UN GHS•Aspiration 1 | | |
| Carcinogenicity | OSHA HCS 2012• UN GHS• | | |
| Germ Cell Mutagenicity | OSHA HCS 2012•Germ Cell Mutagenicity 1B UN GHS•Germ Cell Mutagenicity 1B | | |
| Skin corrosion/Irritation | OSHA HCS 2012•Skin Irritation 2 UN GHS•Skin Irritation 2 | | |
| Skin sensitization | OSHA HCS 2012• UN GHS• | | |
| STOT-RE | OSHA HCS 2012• UN GHS• | | |
| STOT-SE | OSHA HCS 2012• UN GHS• | | |
| Toxicity for Reproduction | OSHA HCS 2012• UN GHS• | | |
| Respiratory sensitization | OSHA HCS 2012• UN GHS• | | |
| Serious eye damage/Irritation | OSHA HCS 2012•Eye Irritation 2A UN GHS•Eye Irritation 2A | | |

Potential Health Effects

• May cause irritation.

Inhalation

Acute (Immediate)

Chronic (Delayed) • Repeated and prolonged exposure to high concentrations of vapors or mists may cause irritation to nose and throat, loss of coordination, fatigue, drowsiness, and/or dizziness. Skin Acute (Immediate) • May cause irritation. Chronic (Delayed) • Repeated and prolonged exposure may cause burning, cracking or drying of the skin. Eye Acute (Immediate) • Causes serious eye irritation. Chronic (Delayed) • Repeated and prolonged exposure may cause irreversible damage to eyes. Ingestion Acute (Immediate) • May cause irritation. May be fatal if entering airways after ingestion. Chronic (Delayed) • Repeated and prolonged exposure may be harmful.

Section 12 - Ecological Information

12.1 Toxicity

| | No data available | | | | |
|------------------------------------|---------------------------------------|--|--|--|--|
| 12.2 Persistence and degradability | | | | | |
| | No data available | | | | |
| 12.3 Bioaccumulative potential | | | | | |
| | No data available | | | | |
| 12.4 Mobility in Soil | | | | | |
| | No data available | | | | |
| 12.5 Results of PBT and | vPvB assessment | | | | |
| | No data available | | | | |

12.6 Other adverse effects

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste

- Dispose of content in accordance with local, regional, national, and/or international regulations.
- Packaging waste
- Dispose of container in accordance with local, regional, national, and/or international regulations.

13.2 Other Information

• Dispose of wastes in an approved waste disposal facility.

Section 14 - Transport Information

| | 14.1 UN number | 14.2 UN proper shipping name | 14.3 Transport hazard class(es) | 14.4 Packing group | 14.5 Environmental hazards |
|-----|-------------------|--|------------------------------------|-----------------------|-------------------------------|
| DOT | NA1993 | Combustible liquids, n.o.s. (Solvent naphtha (petroleum), light aromatic mixture) | Comb. Liq.,3 | Ш | NDA |

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- None specified.
- Not relevant.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • Acute

| | State Right To Know | | | | | |
|--------------------------------|---------------------|-----|-----|-----|--|--|
| Component | CAS | MA | NJ | PA | | |
| 1-Propoxy-2- propanol | 1569-01-3 | No | No | No | | |
| 2-Propanol, 1- methoxy- | | Yes | Yes | Yes | | |
| 2-Pyrrolidinone, 1- methyl- | 872-50-4 | Yes | Yes | Yes | | |

| aromatic | | Solvent naphtha (petroleum), light aromatic | 64742-95- 6 | No | No | No |
|----------|--|---|----------------|----|----|----|
|----------|--|---|----------------|----|----|----|

| | Inventory | | | | | |
|---|----------------|------------|------|--|--|--|
| Component | CAS | Canada DSL | TSCA | | | |
| 1-Propoxy-2- propanol | 1569-01-3 | Yes | Yes | | | |
| 2-Propanol, 1- methoxy- | 107-98-2 | Yes | Yes | | | |
| 2-Pyrrolidinone, 1- methyl- | 872-50-4 | Yes | Yes | | | |
| Solvent naphtha (petroleum), light aromatic | 64742-95- 6 | Yes | Yes | | | |

Canada

| Labor |
|-------|
| Car |

| Canada - WHMIS - Classifications of Substances | | |
|--|------------|---|
| •1-Propoxy-2-propanol | 1569-01-3 | Not Listed |
| •2-Propanol, 1-methoxy- | 107-98-2 | B2 |
| Solvent naphtha (petroleum), light aromatic | 64742-95-6 | B3, D2B |
| •2-Pyrrolidinone, 1-methyl- | 872-50-4 | B3, D2B |
| Canada - WHMIS - Ingredient Disclosure List | | |
| •1-Propoxy-2-propanol | 1569-01-3 | Not Listed |
| •2-Propanol, 1-methoxy- | 107-98-2 | 1 % |
| Solvent naphtha (petroleum), light aromatic | 64742-95-6 | Not Listed |
| •2-Pyrrolidinone, 1-methyl- | 872-50-4 | Not Listed |
| United States | | |
| Environment | | |
| U.S CERCLA/SARA - Section 313 - Emission Reporting | | |
| •1-Propoxy-2-propanol | 1569-01-3 | Not Listed |
| •2-Propanol, 1-methoxy- | 107-98-2 | Not Listed |
| Solvent naphtha (petroleum), light aromatic | 64742-95-6 | Not Listed |
| •2-Pyrrolidinone, 1-methyl- | 872-50-4 | 1.0 % de minimis concentration |
| United States - California | | |
| Environment | | |
| U.S California - Proposition 65 - Developmental Toxicity | | |
| •1-Propoxy-2-propanol | 1569-01-3 | Not Listed |
| •2-Propanol, 1-methoxy- | 107-98-2 | Not Listed |
| Solvent naphtha (petroleum), light aromatic | 64742-95-6 | Not Listed |
| •2-Pyrrolidinone, 1-methyl- | 872-50-4 | developmental toxicity, initial date 6/15/01 |
| U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL) | | |
| •1-Propoxy-2-propanol | 1569-01-3 | Not Listed |
| •2-Propanol, 1-methoxy- | 107-98-2 | Not Listed |
| Solvent naphtha (petroleum), light aromatic | 64742-95-6 | Not Listed |
| •2-Pyrrolidinone, 1-methyl- | 872-50-4 | 3200 μg/day MADL (inhalation); 17000 μg/day MADL (dermal) |

15.2 Chemical Safety Assessment

• No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

15.3 Other Information

 California Proposition 65: This product contains or may contain a substance(s) known to the State of California to cause cancer and/or reproductive toxicity: N-Methylpyrrolidone CAS #872-50-4 10%

| IN-INICITYIPYTTOIIUOIIE | CAS #012-30-4 | 1078 |
|-------------------------|---------------|--|
| Cumene | CAS #92-82-8 | 1.6% (as a component of CAS #64742-95-6) |
| | | |

Section 16 - Other Information

Relevant Phrases (code & full text)

| | H226 - Flammable liquid and vapor |
|-----------------------|---|
| | H315 - Causes skin irritation |
| | H304 - May be fatal if swallowed and enters airways |
| | H319 - Causes serious eye irritation H340 - May cause genetic defects. |
| | H412 - Harmful to aquatic life with long lasting effects |
| | P201 - Obtain special instructions before use. |
| | P202 - Do not handle until all safety precautions have been read and understood. |
| | P210 - Keep away from heat, sparks, open flames and/or hot surfaces No smoking. |
| | P233 - Keep container tightly closed. |
| | P240 - Ground and/or bond container and receiving equipment. |
| | P241 - Use explosion-proof electrical/ventilating/lighting/equipment. |
| | P242 - Use only non-sparking tools. |
| | P243 - Take precautionary measures against static discharge. |
| | P264 - Wash thoroughly after handling. P273 - Avoid release to the environment. |
| | P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| | P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or |
| | doctor/physician. |
| | P302+P352 - IF ON SKIN: Wash with plenty of soap and water. |
| | P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. |
| | Rinse skin with water/shower. |
| | P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. |
| | Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical advice/attention. |
| | P321 - Specific treatment, see supplemental first aid information. |
| | P331 - Do NOT induce vomiting. |
| | P332+P313 - If skin irritation occurs: Get medical advice/attention. |
| | P337+P313 - If eye irritation persists: Get medical advice/attention. |
| | P362 - Take off contaminated clothing and wash before reuse. |
| | P370+P378 - In case of fire: Use appropriate media for extinction. |
| | P403+P235 - Store in a well-ventilated place. Keep cool. |
| | P405 - Store locked up. |
| | P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. |
| Classification method | Calculation method. |
| for mixtures | |
| Last Revision Date | • 09 April 2015 |
| Preparation Date | • 10 June 2015 |
| Other Information | • Approved by: Troy Bergstedt, Director of Chemical Research, (218) 628-2217 ext.142. |
| Disclaimer/Statement | • The information contained herein is based on data available to us and is believed to be |
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