

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 2015/830; US OSHA HCS 2015; and Canadian WHMIS 2015.

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

1.1 Product Identifiers:

Product Name: JP-K88

1.2 Relevant identified uses of the substance or mixture and uses advised against:

1.3 Details of the Supplier of the Safety Data Sheet:

Company Name: Hitachi Industrial Equipment & Solutions America, LLC
2730 Greenleaf Avenue Elk Grove Village, IL 60007 **Phone Number:** (866)583-0048

Web site address: <https://www.hitachi-iesa.com/industrial-markin-g-and-coding> (980)500-7144

Information: Christian Krzykwa

1.4 Emergency telephone number:

Emergency Contact: Chemtrec (800)424-9300

Section 2. Hazards Identification

2.1 Classification of the Substance or Mixture:

Flammable Liquids, Category 2

Acute Toxicity: Oral, Category 5

Acute Toxicity: Inhalation, Category 5

Skin Corrosion/Irritation, Category 2

Serious Eye Damage/Eye Irritation, Category 2

Germ Cell Mutagenicity, Category 1B

Toxic To Reproduction, Category 1B

Specific Target Organ Toxicity (single exposure), Category 1

Specific Target Organ Toxicity (single exposure), Category 2

Specific Target Organ Toxicity (single exposure), Category 3

Specific Target Organ Toxicity (repeated exposure), Category 1

Specific Target Organ Toxicity (repeated exposure), Category 2

Aspiration Toxicity, Category 2

2.2 Label Elements:



GHS Signal Word:

Danger

Hazard-determining components of labelling:

Methyl ethyl ketone

GHS Hazard Phrases:

H225 - Highly flammable liquid and vapor.
H303 - May be harmful if swallowed.
H305 - May be harmful if swallowed and enters airways.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H333 - May be harmful if inhaled.
H335 - May cause respiratory irritation.
H340 - May cause genetic defects .
H360 - May damage fertility or the unborn child .
H370 - Causes damage to organs
H371 - May cause damage to organs .
H372 - Causes damage to organs through prolonged or repeated exposure.
H373 - May cause damage to through prolonged or repeated exposure.

GHS Precautionary Phrases:

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/hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P281 - Use personal protective equipment as required.

GHS Response Phrases:

P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+352 - IF ON SKIN: Wash with plenty of soap and water.
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P307+311 - IF exposed: Call a POISON CENTER or doctor/physician.
P308+313 - IF exposed or concerned: Get medical attention/advice.
P309+311 - Call a POISON CENTER or doctor/physician if exposed or you feel unwell.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P314 - Get medical attention/advice if you feel unwell.
P321 - Specific treatment see ... on this label.
P331 - Do NOT induce vomiting.
P332+313 - If skin irritation occurs, get medical advice/attention.
P337+313 - If eye irritation persists, get medical advice/attention.
P362 - Take off contaminated clothing and wash before re-use.

GHS Storage and Disposal Phrases:

P403+235 - Store in cool & well-ventilated place.

P405 - Store locked up.

P501 - Dispose of contents/container ...

- 2.3 Adverse Human Health** Chronic: Chronic inhalation may cause effects similar to those of acute inhalation.
Effects and Symptoms: Prolonged or repeated skin contact may cause defatting and dermatitis. Animal studies have reported that fetal effects/abnormalities may occur when maternal toxicity is seen. Chronic overexposure to vapors may cause lung damage. Hazards not otherwise classified (HNOC) or not covered by GHS.
- 2.3.1 Inhalation:** Causes respiratory tract irritation. Inhalation of vapors may cause drowsiness and dizziness. May cause central nervous system effects such as nausea and headache. Neurobehavioural effects of exposure to MEK (200 ppm for 4 hrs) were studied with 137 volunteers. There were no statistically significant effects observed in biochemical, psychomotor, sensorimotor and psychological tests.
- 2.3.2 Skin Contact:** May be absorbed through the skin in harmful amounts. Repeated or prolonged exposure may cause drying and cracking of the skin. Only one human case of skin sensitization was located. Negative results were obtained in an animal test; MEK did not produce skin sensitization in the mouse ear thickness test.
- 2.3.3 Eye Contact:** Causes eye irritation. Vapors may cause eye irritation. Animal evidence suggests that MEK is a moderate to severe eye irritant.
- 2.3.4 Ingestion:** May cause irritation of the digestive tract. Possible aspiration hazard. May cause central nervous system depression. Animal evidence suggests that MEK can be aspirated (inhaled) into the lungs during ingestion or vomiting.

Section 3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name)/ REACH Registration No. | Concentration | EC No./ EC Index No. | GHS Classification |
|---------|---|---------------|---------------------------|---|
| 78-93-3 | Methyl ethyl ketone 01-2119457290-43 | 65.0 -75.0 % | 201-159-0 606-002-00-3 | Flam. Liq. 2: H225 Eye Damage 2: H319 STOT (SE) 3: H336 EUH066 |
| 64-17-5 | Ethyl alcohol 01-2119457610-43 | 15.0 -25.0 % | 200-578-6 603-002-00-5 | Flam. Liq. 2: H225 |
| NA | Proprietary chrome complex NA | <10.0 % | NA NA | No GHS classifications apply. |

Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
- In Case of Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. If breathed in, move person into fresh air. Consult a physician.
- In Case of Skin Contact:** In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse. Wash off with soap and plenty of water. Consult a physician.
- In Case of Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- In Case of Ingestion:** Potential for aspiration if swallowed. Get medical aid immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If vomiting occurs naturally, have victim lean forward. Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

- 4.2 Important Symptoms and Effects, Both Acute and Delayed:** The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
- Note for the Doctor:** Treat symptomatically and supportively.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** In case of fire, use carbon dioxide, dry chemical powder or appropriate foam. Water may be ineffective because it will not cool material below its flash point. Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.
- 5.2 Flammable Properties and Hazards:** Carbon oxides.
- No data available.
- Flash Pt:** -4.60 C (23.7 F) Method Used: Closed Cup
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** 505.00 C (941.0 F)
- 5.3 Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Extremely flammable liquid and vapor. Vapor may cause flash fire. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas. Wear self contained breathing apparatus for fire fighting if necessary.
- Further information.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.
- 6.2 Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
- 6.3 Methods and Material For Containment and Cleaning Up:** Use proper personal protective equipment as indicated in Section 8.
- Spills/Leaks:** Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Use only with adequate ventilation. Avoid breathing vapor. Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic

7.2 Precautions To Be Taken in Storing:

charge. For precautions see section 2.
Keep away from sources of ignition. Store tightly closed in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area. Keep container tightly closed in a cool, dry, and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature: -20 - -10 deg.C. Handle and store under inert gas.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

| CAS # | Chemical Name | Jurisdiction | Recommended Exposure Limits | Notations |
|---------|---------------------|--------------|---|-----------------|
| 78-93-3 | Methyl ethyl ketone | ACGIH TLV | TLV: 200 ppm STEL: 300 ppm | |
| | | Europe | TWA: 600 mg/m3 (200 ppm) STEL: 900 mg/m3 (300 ppm) | |
| | | France VL | TWA: 600 mg/m3 (200 ppm) STEL: 900 mg/m3 (300 ppm) | |
| | | OSHA PELs | PEL: 200 ppm | |
| | | Britain EH40 | TWA: 600 mg/m3 (200 ppm) STEL: 899 mg/m3 (300 ppm) | Skin Absorption |
| 64-17-5 | Ethyl alcohol | ACGIH TLV | TLV: 1000 ppm | |
| | | France VL | TWA: 1900 mg/m3 (1000 ppm) STEL: 9500 mg/m3 (5000 ppm) | |
| | | OSHA PELs | PEL: 1000 ppm | |
| | | Britain EH40 | TWA: 1920 mg/m3 (1000 ppm) STEL: () | |

8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Ventilation fans and other electrical service must be non-sparking and have an explosion-proof design.

8.2.2 Personal protection equipment:

Personal Protective Equipment Symbols:



Eye Protection: Wear chemical splash goggles. Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure. Impervious clothing. Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Equipment (Specify Type): Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Where risk assessment shows air-purifying respirators are appropriate use

a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.2.3 Environmental Exposure Controls: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Exposure Scenarios:

No data available.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Black.
solvent odor.

pH: No data.

Melting Point: -87.00 C (-124.6 F)

Boiling Point: 80.00 C (176.0 F)

Flash Pt: -4.60 C (23.7 F) Method Used: Closed Cup

Evaporation Rate: No data.

Saturated Vapor Concentration: No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Specific Gravity (Water = 1): ~ 0.8294

Density: ~ 0.8050 g/mL

Solubility in Water: No data.

Octanol/Water Partition Coefficient: No data.

Autoignition Pt: 505.00 C (941.0 F)

Decomposition Temperature: No data.

Viscosity: No data.

Explosive Properties: No data available.

Oxidizing Properties: No data available.

9.2 Other Information

Section 10. Stability and Reactivity

- 10.1 Reactivity:** No data available.
- 10.2 Stability:** Unstable [] Stable [X]
- 10.3 Conditions To Avoid - Hazardous Reactions:** No data available.
- Possibility of Hazardous Reactions:** Will occur [] Will not occur [X]
- 10.4 Conditions To Avoid - Instability:** Ignition sources. Excess heat. Heat, flames and sparks. Extremes of temperature and direct sunlight.
- 10.5 Incompatibility - Materials To Avoid:** Strong oxidizing agents, Strong acids, 2-propanol, Oxidizing agents, Alkali metals, Ammonia, Peroxides.
- 10.6 Hazardous Decomposition or Byproducts:** Carbon monoxide, Carbon dioxide, Other decomposition products: No data available. In the event of fire: see section 5.

Section 11. Toxicological Information

- 11.1 Information on Toxicological Effects:** Germ cell mutagenicity: No data available.
- Reproductive toxicity. Aspiration hazard:
CAS# 78-93-3:
1. Acute toxicity, TCLo, Inhalation, Human, 100.0 PPM, 5 M.
Result:
Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Olfaction:Other changes.
Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Conjunctive irritation.
Lungs, Thorax, or Respiration:Other changes.
- Journal of Industrial Hygiene and Toxicology, Vol/p/yr: 25,282, 1943
 2. Acute toxicity, LD50, Oral, Mouse, 4050. MG/KG.
Result:
Behavioral: Sleep.
Behavioral: Headache.
Gastrointestinal:Nausea or vomiting.
- Toxicology Letters., Elsevier Science Pub. B.V., POB 211, 1000 AE, Amsterdam 1000 AE Netherlands, Vol/p/yr: 30,13, 1986
 3. Acute toxicity, LC50, Inhalation, Mouse, 32.00 GM/M3, 4 H.
Result:
Gastrointestinal: Alteration in gastric secretion.
Gastrointestinal:Other changes.
- Current Toxicology, Nova Science Publishers, Inc., 6080 Jericho Turnpike, Suite 207, Commack, NY 11725, Vol/p/yr: 1,47, 1993
 4. Acute toxicity, LD50, Intraperitoneal, Mouse, 616.0 MG/KG.
Result:
Behavioral: Change in motor activity (specific assay).
Behavioral: Ataxia.
Behavioral: Antipsychotic.
- Shell Chemical Company. Unpublished Report., Vol/p/yr: -,6, 1961

5. Acute toxicity, LD50, Skin, Species: Rabbit, 6480. MG/KG.

Result:

Behavioral: Hallucinations, distorted perceptions.

Endocrine: Effect on menstrual cycle.

- Shell Chemical Company., Vol/p/yr: MSDS-5390-,

6. Acute toxicity, TCLo, Inhalation, Human, 10.00 ppm.

Result:

Cardiac: Pulse rate decreased with fall in BP.

Lungs, Thorax, or Respiration: Other changes.

- Neurotoxicology., Intox Press, Inc., POB 34075, Little Rock, AR 72203, Vol/p/yr:

24,179, 2003

7. Acute toxicity, LC50, Inhalation, Mouse, 32.00 mg/m3.

Result:

Liver: Fatty liver degeneration.

8. Standard Draize Test, Eyes, Human, 350.0 PPM.

Result:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.

Gastrointestinal: Tumors.

Liver: Tumors.

- Journal of Industrial Hygiene and Toxicology, Vol/p/yr: 25,282, 1943

9. Standard Draize Test, Skin, Species: Rabbit, 500.0 MG, 24 H.

Result:

Behavioral: Ataxia.

Lungs, Thorax, or Respiration: Dyspnea.

Gastrointestinal: Hypermotility, diarrhea.

- Journal of Industrial Hygiene and Toxicology, Vol/p/yr: 25,282, 1943

Irritation or Corrosion: Skin corrosion/irritation. No data available.

Serious eye damage/eye irritation:

Sensitization: No data available.

Chronic Toxicological Specific target organ toxicity - single exposure: No data available.

Effects: Specific target organ toxicity - repeated exposure:

Carcinogenicity/Other CAS# 78-93-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65. IARC: No component of
Information: this product present at levels greater than or equal to 0.1% is identified as probable,
possible or confirmed human carcinogen by IARC. NTP: No component of this product
present at levels greater than or equal to 0.1% is identified as a known or anticipated
carcinogen by NTP. OSHA: No component of this product present at levels greater than
or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

| CAS # | Hazardous Components (Chemical Name) | NTP | IARC | ACGIH | OSHA |
|---------|--------------------------------------|------|------|---------|------|
| 78-93-3 | Methyl ethyl ketone | n.a. | n.a. | n.a. | n.a. |
| 64-17-5 | Ethyl alcohol | n.a. | 1 | Unknown | n.a. |
| NA | Proprietary chrome complex | n.a. | n.a. | n.a. | n.a. |

Section 12. Ecological Information

- 12.1 Toxicity:** Environmental: Substance evaporates in water with T1/2= 3D (rivers) to 12D (lakes). Substance is not expected to bioconcentrate in marine life. Physical: Substance photodegrades in air with T1/2 = 2.3 days. Oxidizes rapidly by photo-chemical reactions in air. Readily biodegradable meeting the 10 day window criterion. Not expected to bioaccumulate significantly.
- 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:** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
- 12.6 Other adverse effects:** No data available.

Section 13. Disposal Considerations

- 13.1 Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series:
CAS# 78-93-3: waste number U159 (Ignitable waste, Toxic waste). Product: Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging:

Section 14. Transport Information

14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Printing ink.
DOT Hazard Class: 3 FLAMMABLE LIQUID
UN/NA Number: UN1210 **Packing Group:** II



14.1 LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: ETHYL METHYL KETONE.
UN Number: UN1210 **Packing Group:** II
Hazard Class: 3 - FLAMMABLE LIQUID **TDG Classification:**

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Printing ink.
UN Number: UN1210 **Packing Group:** II
Hazard Class: 3 - FLAMMABLE LIQUID

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Methyl ethyl ketone. mixture.
UN Number: UN1210 **Packing Group:** II
Hazard Class: 3 - FLAMMABLE LIQUID

Section 15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|---------|--------------------------------------|--------------|-----------|--------------|
| 78-93-3 | Methyl ethyl ketone | No | Yes NA | No |
| 64-17-5 | Ethyl alcohol | No | No | No |
| NA | Proprietary chrome complex | No | No | No |

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

| | | | |
|---|---|---|--|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Explosive | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Acute toxicity (any route of exposure) |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Flammable (gases, aerosols, liquid, or solid) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Skin Corrosion or Irritation |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Oxidizer (liquid, solid or gas) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Serious eye damage or eye irritation |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Self-reactive | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Respiratory or Skin Sensitization |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Pyrophoric (liquid or solid) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Germ cell mutagenicity |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Pyrophoric gas | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Carcinogenicity |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Self-heating | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Reproductive toxicity |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Organic peroxide | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Specific target organ toxicity (single or repeated exposure) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Corrosive to metal | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Aspiration Hazard |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Gas under pressure (compressed gas) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Simple Asphyxiant |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | In contact with water emits flammable gas | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | (Health) Hazard Not Otherwise Classified (HNOC) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Combustible Dust | | |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | (Physical) Hazard Not Otherwise Classified (HNOC) | | |

| CAS # | Hazardous Components (Chemical Name) | Canadian NPRI | Canadian Toxic | Canadian DSL |
|---------|--------------------------------------|---------------|----------------|--------------|
| 78-93-3 | Methyl ethyl ketone | Yes: Part 5 | No | Yes |
| 64-17-5 | Ethyl alcohol | Yes: Part 5 | | Yes |
| NA | Proprietary chrome complex | No | No | No |

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists | International Regulatory Lists |
|---------|--------------------------------------|---|---|
| 78-93-3 | Methyl ethyl ketone | TSCA: Inventory CA TAC, Title 8: TAC: Cat. IIa, Title 8 NC TAP: Yes: NC TAP | Mexico INSQ: 1193 Japan ENCS: 2-542 Germany WHCS: 150: WGK 1 Switzerland Giftliste 1: G-2429 REACH: 01-2119457290-43: Full, (P) |
| 64-17-5 | Ethyl alcohol | TSCA: Inventory CA TAC, Title 8: Title 8 | Japan ENCS: 5-153 Israel HSL: Cat. Germany WHCS: 96: WGK 1 Switzerland Giftliste 1: G-1158 REACH: 01-2119457610-43: Full, (P) |
| NA | Proprietary chrome complex | | REACH: (P) |

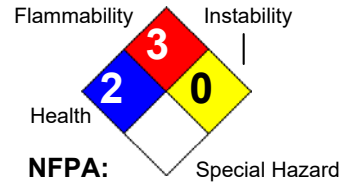
Section 16. Other Information

Revision Date: 05/03/2019

Hazard Rating System:

| | | |
|---------------------|--|----------|
| HEALTH | | 2 |
| FLAMMABILITY | | 3 |
| PHYSICAL | | 0 |
| PPE | | B |

HMIS:



Additional Information About No data available.

This Product: