

This SDS complies with the US OSHA HCS 2012.

### 1. Product and Company Identification

**Product Name:** JP-T413, 4413T  
**Company Name:** Hitachi Industrial Equipment & Solutions America, LLC  
 75 NW Point Blvd Suite D,  
 Elk Grove Village, IL 60007  
**Phone Number:** (800)627-5464  
**Web site address:** <https://mc.hitachi-iesa.com>  
**Emergency Contact:** Chemtrec (800)424-9300

**Intended Use:** Printing ink for industrial inkjet printers.

### 2. Hazards Identification

**Flammable Liquids, Category 2**  
**Skin Corrosion/Irritation, Category 2**  
**Serious Eye Damage/Eye Irritation, Category 1**  
**Carcinogenicity, Category 2**  
**Toxic To Reproduction, Category 1B**  
**Specific Target Organ Toxicity (single exposure), Category 3**  
**Aquatic Toxicity (Acute), Category 3**  
**Skin Sensitization, Category 1A**  
**Acute Toxicity: Oral, Category 4**  
**Aquatic Toxicity (Chronic), Category 2**



**GHS Signal Word:**

**Danger**

**GHS Hazard Phrases:**

H225 - Highly flammable liquid and vapor.  
 H302 - Harmful if swallowed.  
 H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H318 - Causes serious eye damage.  
 H335 - May cause respiratory irritation.  
 H336 - May cause drowsiness or dizziness.  
 H351 - Suspected of causing cancer .  
 H360 - May damage fertility or the unborn child .  
 H411 - Toxic to aquatic life with long lasting effects.

**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.  
 P240 - Ground/bond container and receiving equipment.  
 P241 - Use explosion-proof electrical/ventilating/lighting/printing equipment.  
 P242 - Use only non-sparking tools.  
 P243 - Take precautionary measures against static discharge.  
 P261 - Avoid breathing 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.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P235 - Keep cool.

**GHS Response Phrases:**

P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
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.  
P308+313 - IF exposed or concerned: Get medical attention/advice.  
P310 - Immediately call a POISON CENTER or doctor/physician.  
P321 - Specific treatment see supplementary first aid instructions on this label.  
P330 - Rinse mouth.  
P332+313 - If skin irritation occurs, get medical advice/attention.  
P333+313 - If skin irritation or rash occurs, seek medical advice/attention.  
P362+364 - Take off contaminated clothing and wash it before reuse.  
P370+378 - In case of fire, use sand, dry chemical or alcohol-resistant foam to extinguish.  
P391 - Collect spillage.

**GHS Storage and Disposal Phrases:**

P403+233 - Store container tightly closed in well-ventilated place.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local regulations.  
P403+235 - Store in cool/well-ventilated place.

**Emergency Overview:****Potential Health Effects (Acute and Chronic):**

Hazards not otherwise classified (HNOC) or not covered by GHS -none. Hazards not otherwise classified (HNOC) or not covered by GHS. May form explosive peroxides.

Repeated exposure may cause skin dryness or cracking.

Chronic: Not available.

**Inhalation:**

Harmful if inhaled. Causes chemical burns to the respiratory tract. May cause burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting.

**Skin Contact:**

Harmful if absorbed through the skin. Causes skin burns. May be absorbed through the skin in harmful amounts. Repeated exposure may cause skin dryness or cracking.

**Eye Contact:**

Causes eye burns. Vapors may cause eye irritation.

**Ingestion:**

Harmful if swallowed. Causes gastrointestinal tract burns. May cause central nervous system depression.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
107-87-9	2-Pentanone	50.0 -60.0 %
64-17-5	Ethyl alcohol	10.0 -20.0 %
108-10-1	Methyl isobutyl ketone	1.0 -10.0 %
NA	(Trade Secret)	< 5.0 %
3109-63-5	Tetrabutylammonium hexafluorophosphate	< 5.0 %
NA	Trade Secret	< 1.0 %
98-54-4	4-tert-Butylphenol	< 1.0 %

### 4. First Aid Measures

**Emergency and First Aid Procedures:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**In Case of Inhalation:** If breathed in, move person into fresh air. Consult a physician. Get medical aid immediately. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.

**In Case of Skin Contact:** Wash off with soap and plenty of water. Consult a physician. Get medical aid immediately. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse.

**In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid. If eye irritation persists, get medical advice/attention.

**In Case of Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Get medical aid immediately. If vomiting occurs naturally, have victim lean forward.

**Signs and Symptoms Of Exposure:** The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**Indication of any immediate medical attention and special treatment needed:** No data available.

**Note to Physician:** Treat symptomatically and supportively.

### 5. Fire Fighting Measures

**Flash Point:** > 7.00 C (44.6 F) Method Used: TAG Closed Cup

**Explosive Limits:** LEL: N.D. UEL: N.D.

**Autoignition Pt:** ~ 450.00 C (842.0 F)

**Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Water may be ineffective.

**Unsuitable Extinguishing Media:** Do not use water jet.

**Fire Fighting Instructions:** Use water spray to cool unopened containers. 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.

**Flammable Properties and Hazards:** Flash back possible over considerable distance. Vapor may travel considerable distance to source of ignition and flash back. Container explosion may occur under fire conditions.

**Hazardous Combustion** Carbon oxides, Nitrogen oxides, Metal oxide/oxides.

**Products:**

### 6. Accidental Release Measures

**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.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Steps To Be Taken In Case Material Is Released Or Spilled:** 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). Use proper personal protective equipment as indicated in Section 8. Evacuate area. Shut off all sources of ignition. Use nonsparking tools.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** 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 charge. For precautions see section 2. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous.

**Precautions To Be Taken in Storing:** 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. Storage class 510) Keep away from heat, sparks and flame. Flammables-area.

**Other Precautions:** Apart from the uses mentioned in section 1 no other specific uses are stipulated.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
107-87-9	2-Pentanone	PEL: 200 ppm	TLV: 200 ppm STEL: 150 ppm	No data.
64-17-5	Ethyl alcohol	PEL: 1000 ppm	TLV: 1000 ppm STEL: 1000 ppm	No data.
108-10-1	Methyl isobutyl ketone	PEL: 100 ppm	TLV: 20 ppm STEL: 75 ppm	No data.
NA	(Trade Secret)	No data.	No data.	No data.
3109-63-5	Tetrabutylammonium hexafluorophosphate	No data.	No data.	No data.
NA	Trade Secret	No data.	No data.	No data.
98-54-4	4-tert-Butylphenol	No data.	No data.	No data.

**Personal Protective Equipment Symbols:**

**Respiratory Equipment (Specify Type):**

Respiratory: 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). Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

**Eye Protection:**

Wear chemical splash goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses with side-shields conforming to EN166.

**Protective Gloves:**

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. Material: butyl-rubber Minimum layer thickness: 0.3 mm Break through time: 292 min. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario. Wear appropriate protective gloves to prevent skin exposure.

**Other Protective Clothing:**

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

**Engineering Controls (Ventilation etc.):**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low. Ventilation fans and other electrical service must be non-sparking and have an explosion-proof design.

**Work/Hygienic/Maintenance Practices:**

Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure Controls:**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## 9. Physical and Chemical Properties

**Physical States:**

[ ] Gas [ X ] Liquid [ ] Solid

**Appearance and Odor:**

Black.  
solvent odor.  
Odor Threshold: Not Determined

**pH:**

< 7

**Melting Point:**

~ -80.00 C (-112.0 F) - Calculated average from good ingredient data

**Boiling Point:**

~ 100.00 C (212.0 F) - Calculated average from good ingredient data

**Flash Point:**

> 7.00 C (44.6 F) TAG Closed Cup

**Evaporation Rate:**

No data.

**Flammability (solid, gas):**

No data available.

**Explosive Limits:**

LEL: N.D. UEL: N.D.

**Vapor Pressure:**

Not determined  
Not determined

<b>Vapor Density (vs. Air=1):</b>	Not determined
<b>Specific Gravity (Water=1):</b>	.807
<b>Solubility in Water:</b>	No data.
<b>Saturated Vapor Concentration:</b>	No data.
<b>Octanol/Water Partition Coefficient:</b>	Not determined
<b>Autoignition Pt:</b>	~ 450.00 C (842.0 F) - Calculated average from good ingredient data
<b>Decomposition Temperature:</b>	N.D. - Calculated average from good ingredient data
<b>Viscosity:</b>	~ 3 cP
<b>Particle Size:</b>	Not determined
<b>Explosive Properties:</b>	No data available.
<b>Information on other hazards:</b>	No data available.

### 10. Stability and Reactivity

<b>Reactivity:</b>	No data available.
<b>Stability:</b>	Unstable [ ] Stable [ X ]
<b>Conditions To Avoid - Instability:</b>	Heat, flames and sparks. Incompatible materials, Exposure to moist air or water.
<b>Incompatibility - Materials To Avoid:</b>	Reducing agents, Strong oxidizing agents.
<b>Hazardous Decomposition or Byproducts:</b>	In the event of fire: see section 5. Hazardous decomposition products formed under fire conditions. -Carbon oxides. oxides of nitrogen.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ] Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	Vapors may form explosive mixture with air.

**11. Toxicological Information****Toxicological Information:** Acute toxicity.

Germ cell mutagenicity: No data available.  
 In vitro mammalian cell gene mutation test: Mouse. lymphoma cells. Result: negative.  
 Reproductive toxicity. Aspiration hazard: Inhalation: Dermal. Developmental Toxicity.  
 Inhalation. Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).  
 Effects on Embryo or Fetus: Fetal death.  
 Specific Developmental Abnormalities: Central nervous system. Specific Developmental  
 Abnormalities: Musculoskeletal system. Specific Developmental Abnormalities:  
 Cardiovascular (circulatory) system.  
 Behavioral: Somnolence (general depressed activity).

Ames test.

Bacteria - Salmonella typhimurium, (OECD Test Guideline 474 male and female. Bone  
 marrow. Epidemiology: Teratogenicity: No data available.

Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies:

CAS# 64-17-5:

1. Acute toxicity, TDLo, Oral, Human, 3371. UL/KG.

Result:

Behavioral: Altered sleep time (including change in righting reflex).

Behavioral: Excitement.

Behavioral: Coma.

- Veterinary and Human Toxicology., American College of Veterinary and Comparative  
 Toxicology, Publication Office, Comparative Toxicology, Manhattan, KS 66506, Vol/p/yr:  
 21,272, 1979

2. Acute toxicity, TDLo, Oral, Human, 700.0 MG/KG.

Result:

Behavioral: Changes in psychophysiological tests.

- Neurobehavioral Toxicology and Teratology., For publisher information, see NETEEC,  
 Fayetteville, NY, Vol/p/yr: 8,77, 1986

**Irritation or Corrosion:**

Skin corrosion/irritation. Skin. Species: Guinea pig. Result: Mild skin irritation (OECD  
 Test Guideline 404) Eyes. Rabbit.

Moderate eye irritation. (OECD Test Guideline 405) No data available. Serious eye  
 damage/eye irritation no data available. Result: Tumorigenic:Tumors at site or  
 application. Mild skin irritation -24 Eyes: No skin irritation . Remarks: (anhydrous  
 substance) (OECD Test Guideline 404 No eye irritation . (OECD Test Guideline 405

**Sensitization:**

No data available. Buehler Test: Species: Guinea pig. Result: negative. (OECD Test  
 Guideline 406)

**Chronic Toxicological  
Effects:**

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

Specific target organ toxicity -repeated exposure: no data available. Specific target organ  
 toxicity -single exposure (Globally Harmonized System) Specific target organ toxicity  
 -single exposure: May cause respiratory irritation.

Inhalation: Oral. May cause drowsiness or dizziness.

Acute inhalation toxicity: Central nervous system.

**Carcinogenicity/Other  
Information:**

IARC: No component of 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. IARC: 2B - Group 2B: Possibly carcinogenic to humans (4-Methylpentan-2-one).  
 This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.  
 CAS# 0.1%: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
107-87-9	2-Pentanone	n.a.	n.a.	n.a.	n.a.
64-17-5	Ethyl alcohol	n.a.	1	A4	n.a.
108-10-1	Methyl isobutyl ketone	n.a.	2B	n.a.	n.a.
NA	(Trade Secret)	n.a.	n.a.	n.a.	n.a.
3109-63-5	Tetrabutylammonium hexafluorophosphate	n.a.	n.a.	n.a.	n.a.
NA	Trade Secret	n.a.	n.a.	n.a.	n.a.
98-54-4	4-tert-Butylphenol	n.a.	n.a.	n.a.	n.a.

### 12. Ecological Information

<b>General Ecological Information:</b>	No data available. (US-EPA) Environmental: No information available. Physical: No information available. Other: Avoid entering into waters or underground water.
<b>Results of PBT and vPvB assessment:</b>	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
<b>Persistence and Degradability:</b>	Biodegradability aerobic -Exposure time 28 d Result: 70 % -Readily biodegradable. No data available. Biodegradability: Biotic/Aerobic. (OECD Test Guideline 301E)
<b>Bioaccumulative Potential:</b>	No data available. No bioaccumulation is to be expected (log Pow <= 4).
<b>Mobility in Soil:</b>	No data available.
<b>Other adverse effects:</b>	No data available.

### 13. Disposal Considerations

<b>Waste Disposal Method:</b>	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. Observe all federal, state, and local environmental regulations. Contaminated packaging: Dispose of as unused product. Observe all federal, state, and local environmental regulations.
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### 14. Transport Information

#### LAND TRANSPORT (US DOT):

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



**LAND TRANSPORT (Canadian TDG):**

<b>TDG Shipping Name:</b>	Printing ink.	<b>Packing Group:</b>	II
<b>UN Number:</b>	UN1210	<b>TDG Classification:</b>	
<b>Hazard Class:</b>	3 - FLAMMABLE LIQUID		

**LAND TRANSPORT (European ADR/RID):**

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

**MARINE TRANSPORT (IMDG/IMO):**

<b>IMDG/IMO Shipping Name:</b>	Printing ink.	<b>Packing Group:</b>	II
<b>UN Number:</b>	UN1210	<b>IMDG MFAG Number:</b>	
<b>Hazard Class:</b>	3 - FLAMMABLE LIQUID	<b>Marine Pollutant:</b>	Yes

**AIR TRANSPORT (ICAO/IATA):**

<b>ICAO/IATA Shipping Name:</b>	Printing ink.	<b>Packing Group:</b>	II
<b>UN Number:</b>	UN1210		
<b>Hazard Class:</b>	3 - FLAMMABLE LIQUID		

### 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)
107-87-9	2-Pentanone	No	No	No
64-17-5	Ethyl alcohol	No	No	No
108-10-1	Methyl isobutyl ketone	No	Yes NA	Yes (10%)
NA	(Trade Secret)	No	No	No
3109-63-5	Tetrabutylammonium hexafluorophosphate	No	No	No
NA	Trade Secret	No	No	No
98-54-4	4-tert-Butylphenol	No	No	No

**EPA SARA Title III Section 313 Toxic Release Inventory.**

This product contains a toxic chemical or chemicals subject to the reporting requirements of EPCRA Section 313 (40 CFR Section 372).

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Respiratory or Skin Sensitization
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric (liquid or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Germ cell mutagenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric gas	<input checked="" type="checkbox"/> Yes <input 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 type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input 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)		

**California Proposition 65**

**WARNING**

This product can expose you to chemicals including Methyl isobutyl ketone, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). This product can expose you to chemicals

including Trade Secret and Acetaldehyde, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). This product can expose you to chemicals including Toluene and Methanol, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
107-87-9	2-Pentanone	TSCA: Inventory CA TAC, Title 8: Title 8
64-17-5	Ethyl alcohol	TSCA: Inventory CA TAC, Title 8: Title 8
108-10-1	Methyl isobutyl ketone	TSCA: Inventory CA PROP.65: Yes: Canc+RDTox. CA TAC, Title 8: TAC: Cat. IVa, Title 8 NC TAP: Yes: NC TAP
NA	(Trade Secret)	
3109-63-5	Tetrabutylammonium hexafluorophosphate	TSCA: Inventory
NA	Trade Secret	TSCA: Inventory CA PROP.65: Yes: Canc.
98-54-4	4-tert-Butylphenol	TSCA: Inventory, 8A PAIR
CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
107-87-9	2-Pentanone	Japan ENCS: 2-542 Germany WHCS: 590: WGK 1 Switzerland Giftliste 1: G-2529 REACH: (P), 01-2119988840-24: Full
64-17-5	Ethyl alcohol	Japan ENCS: 5-153 Israel HSL: Cat. Germany WHCS: 96: WGK 1 Switzerland Giftliste 1: G-1158 REACH: (P), 01-2119457610-43: Full
108-10-1	Methyl isobutyl ketone	Mexico INSQ: 1245 Japan ENCS: 2-542 Germany WHCS: 137: WGK 1 Switzerland Giftliste 1: G-2468 REACH: (P), 01-2119473980-30: Full
NA	(Trade Secret)	
3109-63-5	Tetrabutylammonium hexafluorophosphate	Japan ENCS: 2-186 REACH: (P)
NA	Trade Secret	Germany WHCS: : WGK 3 REACH: (P), (R): Full, C2, SVHC, Res. - Cat.
98-54-4	4-tert-Butylphenol	Japan ENCS: 4-57 Germany WHCS: 1187: WGK 2 Switzerland Giftliste 1: G-4715 REACH: (P), 01-2119489419-21: Full, SVHC

### 16. Other Information

Revision Date: 09/19/2024 Previous revision: 06/30/2021

Hazard Rating System:

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL		0
PPE		B

HMIS:

**Additional Information About This Product:** To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information presented in this document. Final determination of suitability of any material is the sole responsibility of the user to follow local, state and federal laws and regulations in regards to handling of hazardous materials. Although certain hazards are described herein, unknown hazards may exist and caution should always be exercised.