



YUFENG INTERNATIONAL CO.,LTD.

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Material Safety Data Sheet

Section 1 - Product and Company Identification

Product name	Pinacolone
Applicant Name	Yufeng International Co., Ltd.
Application Address	Room 2008 Jinling Office Building No.1 Xianqian East Street 214007 Wuxi China
Applicant Post Code	214028
Applicant Telephone	+86 -0510-82322996
Applicant Fax	+86 -510-82305996
Applicant E-mail	info@yufenggp.com
Manufacturer Name	Yufeng International Co., Ltd.
Manufacturer Address	Room 2008 Jinling Office Building No.1 Xianqian East Street 214007 Wuxi China
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SDS number	DG1511525E
Effective date	Oct 08, 2015

Section 2 –Hazards Identification

Hazard class and label elements of the substance according to GHS(the fifth revised edition):

GHS hazard class

Physical hazard(s)	Flammable liquids	category2
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Health hazard(s)	Acute toxicity, oral	category4
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Pictogram



Signal

Hazard statement(s)	Danger
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Precautionary statements

H225 Highly flammable liquid and vapour
H302 Harmful if swallowed

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P312 IF SWALLOWED: Call a POISON CENTER/ doctor/if you feel unwell.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P330 Rinse mouth.

Storage

P403+P235 Store in a well-ventilated place. Keep cool.

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3 – Composition/Information on Ingredients

Component	Concentration(%)	CAS No.	EC No.
Pinacolone	98	75-97-8	200-920-4

Section 4 – First Aid Measures

After skin contact	Wash off with soap and plenty of water. Consult a physician.
After eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
After ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
After inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Section 5 – Fire Fighting Measures

Hazardous products of combustion	Carbon oxides.
Extinguishing method	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment	Wear self contained breathing apparatus for fire fighting if necessary.

Section 6 – Accidental Release Measure

Personal protective measures	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.
Environmental protective measures	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods for taking in and cleaning up	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Section 7 – Handling and Storage

Handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
Storage	Store under argon. Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from water. Never allow product to get in contact with water during storage. Air and moisture sensitive.

Section 8 – Exposure Controls/Personal Protection

Engineering Controls	Safety shower and eye bath. Mechanical exhaust required.
Respiratory protection	Use a full-face supplied air respirator.
Eye protection	Wear chemical goggles.
Hand Protection	Wear impervious chemical resistant gloves.
Body protection	Protective work clothing.

Section 9 – Physical and Chemical Properties

Appearance and properties: Colorless transparent liquid	Odor: No data available
Odor threshold: No data available	pH value: No data available
Melting point/freezing point(°C): -52.5	Initial boiling point and boiling range(°C): 106
Flash point(°C)(closed cup): 3	Evaporation Rate: No data available
Flammability: No data available	Upper explosive limit%(V/V): 8.6
Lower explosive limit%(V/V): 2.2	Vapor pressure(MPa): No data available
Vapor density(g/mL): No data available	Relative density(g/cm³): 0.8062
Solubility: No data available	Octanol / water partition coefficient: 1.2
Auto-ignition temperature(°C): 520	Decomposition temperature(°C): No data available
Kinematic viscosity (mm²/s): No data available	

Section 10 – Stability and Reactivity

Reactive	No data available.
Chemical stability	Stable under the condition recommended.
Possibility of hazardous reactions	No data available.
Avoid conditions	Heat, flames and sparks.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No data available.

Section 11 – Toxicological Information

Acute toxicity: Pinacolone: LD ₅₀ (rat, Oral) 610mg/kg
Skin corrosion/irritation: No data available.
Serious eye damage/eye irritation: No data available.
Respiratory or skin sensitization: No data available.
Germ cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: No data available.

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

Specific target organ toxicity – repeated exposure: No data available.

Aspiration hazard: No data available.

Section 12 – Ecological Information

Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

Section 13 – Disposal Considerations

Property of waste: Hazardous Waste.

Methods of disposal: Dispose of in a manner consistent with federal, state, and local regulations.

Precautions of disposal: Professional processing together.

Section 14 - Transport Information

UN number: 1224

UN proper shipping name: KETONES, LIQUID, N.O.S.

Transportation primary hazard class: 3

Transportation secondary hazard class: —

Packing group: II

Section 15 - Regulatory Information

Component	CHINA	TSCA	ENCS	EINECS
Pinacolone	√	√	√	√

Note 1:

CHINA - China Inventory of Existing Chemical Substances (IECSC)

TSCA - United States Inventory of Toxic Substances Control Act Chemical Substances (TSCA)

ENCS - Japan Existing and New Chemical Substances (ENCS)

EINECS - European Inventory of Existing Commercial Chemical Substances (EINECS)

Note 2:

"√" Indicates that the substance included in the regulations

"-" That no data or included in the regulations

Section 16 - Additional Information

Prepared by: Changzhou Testing Center of Entry-Exit Industrial and Consumable Products

Completion Date: Oct 08, 2015

Modification statement: Original. Please update before the implementation of the GHS Sixth revised edition.

Other information: This Safety Data Sheet (SDS) was prepared according to UN GHS (the fifth revised edition) and the information included is based on the present state of our knowledge. However, the information is provided without any warranty, express or implied, regarding its correctness and is only for users reference. Users should make their independent judgement of suitability of these information for their particular purposes. We do not assume

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