Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Section 1: Identification

Product Name Oxybenzone USP
Commercial Name Benzophenone-3
Product Use Personal care, cosmetic, and industry
Restrictions On Use Not available

Product Code 30-4394

Company
PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: CFR 1910.1200 Aquatic Acute 1; H400 Aquatic Chronic 2; H411

Signal Word WARNING

Hazard Statement(s) Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Avoid release to the environment.
Response Collect spillage.
Storage Not available
Disposal Dispose of contents and/or container in accordance with local, regional, national and/or international regulations.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Benzophenone-3
% By Weight >=99.0 - <=100
CAS# 131-57-7
Molecular Weight 228.24
Chemical Formula C14H12O3
Synonym(s) 2-Hydroxy-4-methoxybenzophenone, Oxybenzone, UV-9, BP-3

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Oxybenzone USP	131-57-7	>=99.0 - <=100	Not available	Not available

Section 4: First-Aid Measures

Inhalation	Move to fresh air. If symptoms persist, call a physician.
Skin Contact	Take off contaminated clothing an shoes immediately. Wash off with soap and plenty of water.
Eye Contact	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Symptoms/Effects	
Acute	No specific symptoms known.
Delayed	No specific symptoms known.

Immediate Medical Attention
Treat symptomatically.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media
Water spray, dry chemical, foam, and carbon dioxide fire extinguisher.

Unsuitable Extinguishing Media
Not available

Products of Combustion
Not available

Firefighters Special Equipment and Precautions
Wear a self-contained breathing apparatus.

Section 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8. 6.2. Environmental precautions Do not discharge into drains/surface waters/groundwater. 6.3. Methods and material for containment and cleaning up Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. 6.4. Reference to other sections Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

Section 7: Handling and Storage

7.1. Precautions for safe handling Wash thoroughly after handling. Avoid breathing dust, vapor, mist, or gas. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation. Wash clothing before reuse. 7.2. Conditions for safe storage, including any incompatibilities Preserve in well-closed containers. Store at room temperature. 7.3. Specific end use(s) Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Contains no substances with occupational exposure limits values.
Engineering Controls	Not available.
Personal Protection	Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin protection: 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. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Body Protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Respiratory protection: Respiratory protection is not required. Where protection from nuisance le (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9: Physical and Chemical Properties

Appearance	Pale greenish yellow; Solid
Odor	Slight
Odor Threshold	Not available.

Melting Point	62.0°C ~ 65.0°C	**pH**	Not available.
Freezing Point	62.0°C ~ 65.0°C	**Vapor Pressure**	0.001 Pa at 25°C
Boiling Point/Range	300°C at 99.86 kPa	**Vapor Density**	Not available.
Decomposition temperature	Not available.	**Viscosity**	Not available.
Partition Coefficient: n-octanol/water	3.45 at 40°C	**Evaporation Rate**	Not applicable
Flash Point	Not applicable	**Autoignition temperature**	Not available.
Flammability	Not flammable	**Flammability or Explosive Limits:**	
		Lower	Not applicable
		Upper	Not applicable

Solubility(ies)	Water solubility: 6 mg/L at 25°C
Other	Information with regard to physical hazard classes: Explosive properties: Non-explosive Oxidising properties: No oxidizing properties

Section 10: Stability and Reactivity

Reactivity	No data available.
Chemical Stability	Stable under recommended storage conditions
Hazardous Polymerization	No data available.
Conditions to Avoid	No data available.
Incompatible Materials	No data available.
Hazardous Decomposition Products	No data available.

Section 11: Toxicological Information

RTECS DJ1575000

Acute Toxicity
Acute oral toxicity: LD50>12 800 mg/kg bw (rat) Acute inhalation toxicity: No data available Acute dermal toxicity: LD50 Rabbit > 16000 mg/kg

Skin Corrosion/Irritation
Skin irritation: in vivo. Species: rabbit. Results: not irritating.

Serious Eye Damage/Irritation
Skin irritation: in vivo. Species: rabbit. Results: not irritating.

Respiratory or Skin Sensitization
Skin irritation: in vivo (non-LLNA). Species: mouse. Results: not sensitising.

Germ Cell Mutagenicity
No data available.

Carcinogenicity
No data available.

Reproductive Toxicity
Effect on developmental toxicity (oral): NOAEL 200 mg/kg bw/day (subacute, rat)

Routes of Entry
Skin.

Symptoms Related to Exposure
No data available.

Potential Health Effects
No data available.

Target Organ(s) Endocrine disrupting properties: The substance does not contain components considered to have endocrine disrupt

Section 12: Ecological Information

Ecotoxicity
Toxicity to fish: LC50 (4 days): 3.8 mg/L Toxicity to daphnia: EC50 (48 h): 1.87 mg/L Toxicity to Algae/aquatic plants: EC50 (72 h): 0.41 mg/L - 0.67 mg/L

Persistance and Degradability
Biodegradation in water: readily biodegradable but failing the 10-day window

Bioaccumulative Potential
BCF (aquatic species): 158 dimensionless

Mobility in Soil
Koc (soil adsorption coefficient): 954.8 at 20°C

Other Adverse Effects
Results of PBT and vPvB assessment: This substance is not considered to be PBT or vPvB.

Section 13: Disposal Considerations

Waste Disposal
Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Disposal of Container
Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Other Considerations
Not available.

Section 14: Transport Information

DOT Classification
SECTION 14: Transport Information 14.1. UN number ADR 3077 IMDG 3077 IATA 3077 ADN 3077 RID 3077 14.2. UN proper shipping name ADR Environmentally hazardous substance, solid, n.o.s. 2-Hydroxy-4-methoxybenzophenone IMDG Environmentally hazardous substance, solid, n.o.s. 2-Hydroxy-4-methoxybenzophenone IATA Environmentally hazardous substance, solid, n.o.s. 2-Hydroxy-4-methoxybenzophenone ADN Environmentally hazardous substance, solid, n.o.s. 2-Hydroxy-4-methoxybenzophenone RID Environmentally hazardous substance, solid, n.o.s. 2-Hydroxy-4-methoxybenzophenone 14.3. Transport hazard class(es) ADR 9 IMDG 9 IATA 9 ADN 9 RID 9 14.4. Packaging group ADR III IMDG III IATA III ADN III RID III 14.5. Environmental hazards ADR Marine pollutant: Yes IMDG Marine pollutant: Yes IATA Marine pollutant: Yes ADN Marine pollutant: Yes RID Marine pollutant: Yes 14.6. Special precautions for user ADR No data available IMDG No data available IATA No data available ADN No data available RID No data available 14.7. Maritime transport in bulk according to IMO instruments Not applicable.

Section 15: Regulatory Information

Regulations

SECTION 15: Regulatory Information 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture EU-Regulations No REACH Annex XVII restrictions. Benzophenone-3 is not on the REACH Candidate List of SVHC. Uerzonephone-3 is not on the REACH Annex XIV List. WGK (Water hazard class) WGK 2 International Inventories Country(s) or region Inventory name Australia Australian Inventory of Chemical Substances (AICS) Yes Canada Domestic Substances List (DSL) Yes Safety Data Sheet According to Regulation (EC) No. 1907/2006 and its amendments Regulation (EU) 2020/878 Mfsorb® 202 Product Name: Benzophenone-3 Date of Issue: Dec 30, 2021 Version: 2.0 Revision Date: Apr 30, 2026 Canada Non-Domestic Substances List (NDSL) No China Inventory of Existing Chemical Substances in China (IECSC) Yes Europe European Inventory of Existing Commercial Chemical Substances (EINECS) Yes Europe European List of Notified Chemical Substances (ELINCS) No Japan Inventory of Existing and New Chemical Substances (ENCS) Yes Korea Existing Chemicals List (ECL) Yes New Zealand New Zealand Inventory Yes Philippines Philippine Inventory of Chemicals and Chemical Substances (PICCS) Yes United States Toxic Substances Control Act (TSCA) Inventory Yes 15.2. Chemical Safety Assessment Advice on product handling based on sections 7 and 8 of this safety data sheet.

Other

Not available.

Section 16: Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.