

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 06.20.2019

Revision date: 03.08.2023

Shine Time HPC

SECTION 1: Identification

Product Identifier Product Name: Shine Time HPC Product code: CPS-606

Recommended Use of the Product and Restriction on Use Relevant Identified Uses: Gloss Enhancer Uses Advised Against: NA Reasons Why Uses Advised Against: Not determined or not applicable.

Manufacturer or Supplier Details

Manufacturer: United States JBS Industries 2726 Henkle Drive Lebanon, Ohio 45036 513-228-2800 SBAETEN@JBSINDUSTRIES.COM

Emergency Telephone Number:

North America CHEMTREC 800-424-9300 (24 hours)

SECTION 2: Hazard(s) Identification

GHS Classification:

Skin corrosion, category 1B Eye irritation, category 2A

Label elements

Hazard Pictograms:



Signal Word: Danger

Hazard statements:

H319 Causes serious eye irritation

H314 Causes severe skin burns and eye damage

Precautionary Statements:

P264 Wash hands thoroughly after handling P280 Wear protective gloves/protective clothing/eye protection/face protection P260 Do not breathe dust/fume/gas/mist/vapors/spray P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

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present and easy to do. Continue rinsing P337+P313 If eye irritation persists: Get medical advice/attention P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P363 Wash contaminated clothing before reuse P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P405 Store locked up P501 It is the responsibility of the waste generator to characterize all waste material according to regulatory entities.

Hazards Not Otherwise Classified: None

SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: 61789-77-3	Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	1-31.5
CAS Number: 64741-44-2	Distillates (petroleum), straight-run middle	<25
CAS Number: 111-76-2	2-Butoxyethanol	1-10
CAS Number: 74-87-3	Methyl chloride	<0.0315

Additional Information: None

SECTION 4: First Aid Measures

Description of First Aid Measures

General Notes:

Not determined or not applicable.

After Inhalation:

If inhaled, move to fresh air. Get medical attention if symptoms persist.

After Skin Contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

After Eye Contact:

Rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

After Swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

Most Important Symptoms and Effects, Both Acute and Delayed Acute Symptoms and Effects:

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Eye contact may result in irritation, redness, pain, inflammation, itching, burning and tearing.

Exposure to skin may result in redness, pain, burning, inflammation and tissue damage. Exposure to eyes may result in irritation, redness, pain, inflammation, itching, burning, tearing, corneal damage and loss of vision. Exposure via inhalation may result in cough, sore throat, burning sensation and shortness of breath. Exposure via ingestion may result in burns of the mouth and throat, abdominal pain, burning sensation in the throat and chest, nausea, vomiting, shock or collapse.

Delayed Symptoms and Effects:

Effects are dependent on exposure (dose, concentration, contact time).

Immediate Medical Attention and Special Treatment

Specific Treatment:

In case of eye contact, seek prompt medical attention while rinsing is continued.

In case of skin contact, seek prompt medical attention while rinsing is continued.

In case of ingestion, seek prompt medical attention.

Notes for the Doctor:

Not determined or not applicable.

SECTION 5: Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media:

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

Unsuitable Extinguishing Media:

Do not use water jet.

Specific Hazards During Fire-Fighting:

Thermal decomposition may produce irritating/toxic fumes/gases.

Special Protective Equipment for Firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

Special precautions:

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts. Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers. Avoid unnecessary run-off of extinguishing media which may cause pollution.

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Respiratory protection may be necessary for spills greater than 5 gallons. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

Methods and Material for Containment and Cleaning Up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Reference to Other Sections:

For personal protective equipment see Section 8. For disposal see Section 13.

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SECTION 7: Handling and Storage

Precautions for Safe Handling:

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

Country (Legal Basis)	Substance	Identifier	Permissible concentration
OSHA	2-Butoxyethanol	111-76-2	8-Hour TWA-PEL: 240 mg/m ³ (50 ppm)
	Methyl chloride	74-87-3	8-Hour TWA-PEL: 210 mg/m ³ (100 ppm)
	Methyl chloride	74-87-3	PEL Ceiling: 200 ppm (300 ppm [Peak - 5 min in any 3 hrs])
NIOSH	2-Butoxyethanol	111-76-2	IDLH: 700 ppm
	2-Butoxyethanol	111-76-2	REL-TWA: 24 mg/m ³ (5 ppm [up to 10 hr])
	Methyl chloride	74-87-3	IDLH: 2000 ppm
ACGIH	2-Butoxyethanol	111-76-2	8-Hour TWA: 20 ppm
	Methyl chloride	74-87-3	8-Hour TWA: 50 ppm
	Methyl chloride	74-87-3	15-Minute STEL: 100 ppm
United States(California)	2-Butoxyethanol	111-76-2	8-Hour TWA-PEL: 97 mg/m ³ (20 ppm)
	Methyl chloride	74-87-3	8-Hour TWA-PEL: 105 mg/m ³ (50 ppm)
	Methyl chloride	74-87-3	15-Minute STEL: 210 mg/m ³ (100 ppm)
	Methyl chloride	74-87-3	PEL Ceiling: 300 ppm

Occupational Exposure Limit Values:

Biological Limit Values:

Country (Legal Basis)	Substance	Determin ant	Specimen		Permissibl e limits
ACGIH	2-Butoxyethanol	,	Creatinine in Urine	End of shift	200 mg/g

Information on Monitoring Procedures:

Not determined or not applicable.

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Appropriate Engineering Controls:

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

Personal Protection Equipment

Eye and Face Protection:

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

Skin and Body Protection:

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

Respiratory Protection:

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn.

General Hygienic Measures:

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Appearance	Liquid
Odor	Std.
Odor threshold	Not determined or not available.
рН	6
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	Not determined or not available.
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	Not determined or not available.
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.

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Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

SECTION 10: Stability and Reactivity

Reactivity:

Not reactive under recommended handling and storage conditions.

Chemical Stability:

Stable under recommended handling and storage conditions.

Possibility of Hazardous Reactions:

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

Conditions to Avoid:

Avoid generation of aerosols and mists, extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

Extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

Incompatible Materials:

None known.

Hazardous Decomposition Products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological Information

Acute Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Route	Result
Distillates (petroleum),	inhalation	LC50 Rat: 1.72 mg/L (4 hr [aerosol])
straight-run middle	oral	LD50 Rat: > 5000 mg/m ³
	dermal	LD50 Rabbit: > 2000 mg/kg
2-Butoxyethanol	dermal	LD50 Rabbit: 1060 mg/kg
	Oral ATE	LD50 Rat: 1200 mg/kg (Annex VI to the CLP)
	oral	LD50 Rat: 470 mg/kg
	Inhalation ATE	LC50 Rat: 11 mg/L (4 hr [Vapor])
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	Oral ATE	LD50 Rat: 500 mg/L
Methyl chloride	inhalation	LC50 Rat: 2566 ppmV (4 hr - Gas)
	oral	LD50 Rat: 1800 mg/kg

Skin Corrosion/Irritation

Assessment:

Causes severe skin burns and eye damage.

Product Data:

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No data available.

Substance Data:

Name	Result
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	Causes severe skin burns.
2-Butoxyethanol	Causes skin irritation.

Serious Eye Damage/Irritation

Assessment:

Causes serious eye irritation.

Product Data:

No data available.

Substance Data:

Name	Result
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	Causes serious eye damage.
2-Butoxyethanol	Causes serious eye irritation.

Respiratory or Skin Sensitization

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Species	Result
Methyl chloride	Rat	Suspected of causing cancer via inhalation.

International Agency for Research on Cancer (IARC):

Name	Classification
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	Not Applicable
2-Butoxyethanol	Group 3
Methyl chloride	Group 3

National Toxicology Program (NTP):

Name	Classification
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	Not Applicable
2-Butoxyethanol	Not Applicable
Methyl chloride	Not Applicable

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OSHA Carcinogens: Not applicable Germ Cell Mutagenicity Assessment: Based on available data, the classification criteria are not met. Product Data: No data available. Substance Data: No data available. Reproductive Toxicity Assessment: Based on available data, the classification criteria are not met. Product Data: No data available. Substance Data: No data available.

Specific Target Organ Toxicity (Single Exposure)

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Specific Target Organ Toxicity (Repeated Exposure)

Assessment: Based on available data, the classification criteria are not met.

- **Product Data:**
- No data available.

Substance Data:

Name	Result
	May cause damage to spleen, liver, and bone marrow through prolonged or repeated exposure.
Methyl chloride	May causes damage to organs through prolonged or repeated exposure.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data:

Name	Result
Distillates (petroleum), straight-run middle	May be fatal if swallowed and enters airways.

Information on Likely Routes of Exposure:

No data available.

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

No data available.

Other Information:

No data available.

SECTION 12: Ecological Information

Acute (Short-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met. Product Data: No data available. Substance Data:

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Name	Result
2-Butoxyethanol	Aquatic Invertebrates EC50 Daphnia magna: 1550 mg/L (48 hr [mobility])
	Fish LC50 Oncorhynchus mykiss: 1474 mg/L (96 hr)
	Aquatic Plants EC50 Freshwater algae: 1840 mg/L (72 hr [growth rate])
Distillates (petroleum), straight-run middle	Aquatic Invertebrates EC50 Daphnia magna: 2 mg/L (48 hr [read across])
	Aquatic Plants EC50 Pseudokirchneriella subcapitata: 1.8 mg/L (72 hr [read across])
Methyl chloride	Aquatic Plants EC50 Algae: 231 mg/L (96 hr [growth rate])
	Fish LC50 Lepomis macrochirus: 550 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: 200 mg/L (48 hr [mobility])

Chronic (Long-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met. **Product Data:** No data available.

Substance Data:

Name	Result
2-Butoxyethanol	Fish LC50 Poecilia reticulata: 983 mg/L (7 d)
	Aquatic Invertebrates EC50 Daphnia magna: 297 mg/L (21 d [reproduction])

Persistence and Degradability

Product Data: No data available.

Substance Data:

Name	Result
Distillates (petroleum), straight-run middle	This substance is readily biodegradable in water (57.5% degradation after 28 days, O2 consumption).
2-Butoxyethanol	Readily biodegradable (90.4% degradation after 28 days, measured by CO2 evolution).
Methyl chloride	This substance is readily biodegradable. 77% degradation after 28 days in closed bottle test.

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

Name	Result
Distillates (petroleum), straight-run middle	Standard bioaccumulation studies are not applicable to petroleum UVCB substances.
2-Butoxyethanol	Not expected to bioaccumulate (log Kow $= 0.83$).
Methyl chloride	Bioaccumulation is not expected based on log Kow of 0.91.

Mobility in Soil

Product Data: No data available.

Substance Data:

Name	Result
	Standard adsorption/desorption studies are not applicable to petroleum UVCB substances.
	Adsorption to soil and sediment is expected to be low due to the log Koc value of 1.12 and the gaseous form of the substance.

Results of PBT and vPvB assessment

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Product Data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT. **vPvB assessment:** This product does not contain any substances that are assessed to be a vPvB.

Substance Data:

PBT assessment:		
Distillates (petroleum), straight-run middle	This substance is not PBT.	
2-Butoxyethanol	The substance is not PBT.	
Methyl chloride	The substance is not PBT.	
vPvB assessment:		
Distillates (petroleum), straight-run middle	This substance is not vPvB.	
2-Butoxyethanol	The substance is not vPvB.	
Methyl chloride	The substance is not vPvB.	

Other Adverse Effects: No data available.

SECTION 13: Disposal Considerations

Disposal Methods:

It is the responsibility of the waste generator to characterize all waste material according to regulatory entities.

Contaminated packages:

Not determined or not applicable.

SECTION 14: Transport Information

United States Transportation of Dangerous Goods (49 CFR DOT)

UN Number	Not Regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

International Maritime Dangerous Goods (IMDG)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated

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UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

SECTION 15: Regulatory Information

United States Regulations

Inventory Listing (TSCA): All ingredients are listed-active or exempt.

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export Notification under TSCA Section 12(b): None of the ingredients are listed.

SARA Section 302 Extremely Hazardous Substances: None of the ingredients are listed.

SARA Section 313 Toxic Chemicals:

SARA Section ST	5 TOXIC Chemicals:		
111-76-2	111-76-2 2-Butoxyethanol		Listed
74-87-3	74-87-3 Methyl chloride		Listed
CERCLA:			-
111-76-2	2-Butoxyethanol	Listed	N/A
74-87-3	Methyl chloride	Listed	100 Lbs.
RCRA:	•		-
74-87-3	Methyl chloride	Listed	U045
Section 112(r) of	f the Clean Air Act (CAA):		-
74-87-3	Methyl chloride		Listed
Massachusetts R	light to Know:		
111-76-2	111-76-2 2-Butoxyethanol		Listed
74-87-3	74-87-3 Methyl chloride		Listed
New Jersey Right	t to Know:		
111-76-2	2-Butoxyethanol		Listed

74-87-3 Methyl chloride

ew York Right to Know:				
64741-44-2	Distillates (petroleum), straight-run middle	Listed		
111-76-2	2-Butoxyethanol	Listed		
74-87-3	Methyl chloride	Listed		

Pennsylvania Right to Know:

-			
	111-76-2	2-Butoxyethanol	Listed
	74-87-3	Methyl chloride	Listed

California Proposition 65:

▲ WARNING: This product can expose you to Methyl chloride; which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. Additional information: Not determined.

SECTION 16: Other Information

Abbreviations and Acronyms: None Disclaimer:

Listed

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This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

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End of Safety Data Sheet

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