



Safety Data Sheet

Section 1: Identification of the Product/Company

Product Identifier:

Product Name: ALCOHOL DYES

Product Code:

Relevant identified uses of the substance or mixture

Recommended use:

Uses advised against:

No additional information available

Details of the supplier of the safety data sheet

Manufacturer:

Super Stone Inc.
1251 Burlington Street
Opa-Locka, FL 33054
United States
www.superstone.com
(305) 681-3561

Telephone (General)

Emergency telephone number

Manufacturer: (800) 424-9300 (Chemtrec) USA
+ 1 (703) 527-3887 (Chemtrec) International

Section 2: Hazards Identification

Classification of the substance or mixture

GHS-US classification

Flammable liquids:	Category 2, H225
Acute toxicity (Oral):	Category 3, H301
Acute toxicity (Dermal):	Category 3, H311
Acute toxicity (Inhalation):	Category 3, H331
Specific target organ toxicity, single exposure:	Category 1, H370



Safety Data Sheet

Label elements

GHS-US labeling

The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard Pictograms (GHS-US)



GHS02



GHS08



GHS06

Signal words (GHS-US):

Danger

Hazards statements (GHS-US):

H225: Highly flammable liquid and vapor

H301: Toxic if swallowed

H311: Toxic if contact with skin

H331: Toxic if inhaled

H370: Causes damage to organs

Precautionary statements (GHS-US)

Prevention:

P210 Keep away from heat, hot surfaces, open flames, sparks –No smoking

P233 Keep container tightly closed

P240 Ground/bond container and receiving equipment

P241 Use explosion-proof electrical/ventilation/lighting equipment

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge

P260 Do not breathe dust/gas /mist/vapor

P264 Wash with plenty of water and soap thoroughly after handling



Safety Data Sheet

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, clothing, and eye/ face protection

Response:

P308 + P313: IF exposed or concerned: Get medical advice/attention

P311: Call a POISON CENTER or doctor/physician

P301 + P310: IF SWALLOWED: Immediately call a poison center or doctor/physician

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

P302 + P352 IF ON SKIN: Wash with plenty soap and water

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

P321 Specific treatment (see On this label)

P330 Rinse mouth

P370 + P378 In case of fire: Use the recommended fire extinguisher to extinguish

Storage:

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

P403 +P233 Store in a well ventilated place. Keep container tightly closed

P405 Store locked up

Disposal:

P501 Dispose of contents and containers in accordance with local, regional and international regulations

Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)-Annex III

Other hazards



Safety Data Sheet

None known

Unknown acute toxicity (GHS-US)

No data available

Section 3: Composition/information on ingredients

Substances

Name	Product Identifier	% by weight	GHS-US classification
Methanol	CAS # 67-56-1	95	Flammable liquid 2, H225 Acute toxicity 3, H301 Acute toxicity 3, H311 Acute toxicity 3, H331 STOT SE 1, H370

Amounts specified are typical and do not represent a specification. Any other ingredients are either proprietary, non-hazardous or present in amounts below the reportable limits.

Section 4: First aid measures

Description of necessary first aid measures

First-aid measures general:

Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician and show this safety data sheet with the physician in attendance. Move out of dangerous area.

First-aid measures after inhalation:

Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

First-aid measures after skin contact:

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes before thoroughly reuse. Get medical attention immediately.



Safety Data Sheet

First-aid measures after eye contact:

Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately

First-aid measures after ingestion:

Wash out mouth and water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Most important and effects, both acute and delayed

Symptoms:

The product may produce the following; irritant effects, drowsiness, dizziness, narcosis, nausea, vomiting, headache, blindness, vision impairment, coma and delayed actions of drying and defatting of skin.

Indication of any immediate medical attention and special treatment needed

No additional information available

Section 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Use water spray (fog), alcohol resistant foam, dry chemical or Carbon Dioxide

Unsuitable extinguishing media:

None noted

Special hazards arising from the substance or mixture

Fire hazard:

The product is flammable. If there is a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low and confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Explosion hazard:

Closed containers may rupture when exposed to extreme heat. The product may form peroxides of unknown stability and Oxides of Nitrogen and Carbon.

Reactivity:



Safety Data Sheet

During a fire, irritating and or toxic gases and particulate may be generated by thermal decomposition or combustion.

Advice for firefighters

Firefighting instructions:

Use water spray to keep fire exposed containers cool.

Protection during firefighting:

Wear self-contained breathing apparatus (SCBA) equipped with a full face-piece and operated in a pressure demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SBCA during clean up immediately after a fire as well as during the attack phase of the fire-fighting operations.

Additional information

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures:

Remove all sources of ignition (flame, hot surfaces and electrical, static or frictional sparks). Avoid contact and avoid breathing the vapors. Use self-contained breathing apparatus.

For non-emergency personnel

Protective equipment:

Wear chemical resistance (impervious) gloves

Emergency procedures:

Evacuate the danger zone; follow emergency precautions. Secure emergency assistance immediately. Avoid contact with material. Do not breathe vapors or mists. If possible provide adequate ventilation.

For emergency responders

Protective equipment:

Equip clean-up crew with proper protection. Use appropriate personal protection equipment (PPE)

Emergency procedures:

Do not take action without proper training and emergency equipment. Evacuate surrounding areas. Eliminate all ignition sources including flares and all open flames. Avoid all contact with spiller material. Maintain adequate ventilation and wear appropriate respiratory protection.



Safety Data Sheet

Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewer.

Methods and material for containment and cleaning up

For containment:

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, surface waters, basements or confined areas. Wash spillage into effluent treatment plant.

Methods for cleaning up:

Contain and collect spillage using appropriate personal protective equipment. Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products or if a risk assessment indicates that this is necessary. Collect and contain spillage with a non-combustible, absorbent material (e.g. sand, earth, vermiculite or diatomaceous earth) and place in a container for disposal in accordance with local regulations.

Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protective equipment

See Section 13 for disposal information

Section 7: Handling and storage

Precautions for safe handling

Additional hazards when processed:

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace. Do not breathe dust, vapor, mist or gas. Persons with a history of skin sensitization problems should not be employed in any process in which this product was used. Do not get in eyes

Hygiene measures:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Conditions for safe storage, including any incompatibilities

Technical measures:

Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion proof electrical, lighting and ventilating equipment.



Safety Data Sheet

Storage conditions:

Keep containers tightly closed and upright when not in use. Keep from freezing. Protect from physical damage.

Incompatible products:

See section 10

Incompatible materials:

See section 10

Storage area:

The product should be stored in a cool, dry and well ventilated area, at ambient temperature directly out of the sunlight.

Special rules on packaging:

Do not store in open, unlabeled or mislabeled containers. Keep containers closed at all times when not in use.

Specific end use(s)

Coating

Section 8: Exposure controls/personal protection

Control parameters**Occupational exposure limits:**

Chemical Name	CAS #	EXPOSURE LIMITS
Methanol	67-56-1	OSHA PEL 200 ppm ACGIH TLV 200 ppm

Exposure controls

Appropriate engineering controls:

Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion proof equipment. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment:



Safety Data Sheet

Hand protection:	Wear fire-proof clothing, protective goggles and gloves. Wear respiratory protection in a poor ventilated environment.
Eye protection:	Wear chemically resistant protective gloves
Skin and body protection:	Chemical goggles or safety glasses
Respiratory protection:	Wear fireproof clothing
Thermal hazard protection:	If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.
Other information:	Wear suitable protection clothing
	When using, do not eat, drink or smoke

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Translucent to slight opaque liquid
Color:	Various colors
Odor:	Alcoholic odor
Odor threshold:	100 ppm
pH:	not available
Relative evaporation rate (butyl acetate=1):	Faster 3.5
Boiling Range: (Initial Boiling Point)	148° F
Melting point:	-94° C
Freezing point:	Not Determined
Auto-ignition temperature:	385° C
Decomposition temperature:	Not Determined
Flammability (solid, gas):	Not Applicable
Vapor pressure:	97 mm Hg @ 20° C
Flash Point:	52° F
Flash Point Method:	Closed Cup
Relative vapor density @ 20 °C:	Heavier than air (3.7)



Safety Data Sheet

Relative density:	0.804
Density:	6.7 lbs / gal
Solubility:	Diluted by and miscible with water
Log Pow:	Not available
Log Kow:	Not available
Viscosity, kinematic:	Not available
Viscosity, dynamic:	Not available
Explosive properties:	None known
Oxidizing properties:	None known
Explosive limits:	lower: 6 upper: 36

Other information:

N/A denotes Not Available

Section 10: Stability and reactivity

Reactivity

Hazardous polymerization will not occur under normal conditions.

Chemical Stability

Product is stable under normal storage conditions

Conditions to Avoid

High temperatures (excessive heat) over a period of time and sources of ignition degrade the resin

Incompatible Materials

Avoid strong acids, alkalis, oxidizers, and avoid contact with plastic, rubber, aluminum, zinc and other reactive metals

Hazardous Decomposition Products

Carbon monoxide, Carbon Dioxide and Formaldehyde

Section 11: Toxicological information

Information on toxicological effects

TOXICITY MEASURES:

Chemical Name	LD50/LC50
Methanol	Oral LD50: Rat 5628 mg/kg Dermal LD50: Rabbit 15,800 mg/kg Inhalation LC50: Rat 64,000 ppm/4 h



Safety Data Sheet

Skin corrosion/irritation:

Irritation, may cause burns on long term exposure

Serious eye damage/irritation:

Risk of serious eye damage and blindness is probable

Respiratory or skin sensitization:

Not classified, not sensitizing

Germ cell mutagenicity:

This product presents negative results of mutagenicity in mammals.

Carcinogenicity:

Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Reproductive toxicity:

Demonstrated reproductive toxicity

Specific target organ toxicity (single exposure):

Central nervous system

Specific target organ toxicity (repeated exposure):

May cause damage to organs (Central Nervous System) through prolonged or repeated exposure

Aspiration hazard:

No information available

Symptoms/injuries after inhalation:

The product contains organic solvents which in case of overexposure may depress the central nervous system. Abusive inhalation has been reported to be associated with birth defects in the offspring of the abusers.

Symptoms/injuries after eye contact:

Burning and stinging of the eyes may persist

Symptoms/injuries after ingestion:

Harmful if swallowed as product may enter lungs

Section 12: Ecological information

All work practices must be aimed at eliminating environmental contamination.

Toxicity

Persistence and degradability



Safety Data Sheet

Not determined for this product but the following information is available for its reportable hazardous components.

Methanol

Readily biodegradable 99% (OECD Test Guideline 301D, 30 day)

BOD: 600-1,200 mg/g (IUCLID)

COD: 1,400 mg/g (IUCLID)

Bio-accumulative potential

The constituents of this product are not expected to bio-accumulate. The experimental log POW is -0.77

Mobility in soil

No information available

Other adverse effects

Not classified as a PBT or vPvB; stability in water reported to be 2.2 years; do not allow to enter surface waters, wastewaters or soil

Section 13: Disposal considerations

Waste treatment methods

Regional legislation (waste):

Dispose of unused contents (incineration) in accordance with national and local regulations.

Waste disposal recommendations:

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain residues which should be disposed of properly. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and run-off contact with waterways, drains and sewers. Subject to the disposal regulations in the U.S. EPA 40 CFR 262 Hazardous Waste Number(s): U154

Section 14: Transport information

In accordance with ICAO/IATA/DOT/TGD

Land transport

Department of transportation (DOT):

This product is classified as Dangerous Goods, per U.S DOT regulations, under 49 CFR 172.101

UN No:

1230

Proper Shipping Name:

Flammable liquid n.o.s (Methanol)

Hazard classes:

3



Safety Data Sheet

Packing group (DOT): II
Marine Pollutant: No
DOT limitations: On passenger aircraft/rail: 1L
On cargo aircraft only: 60L

Transport by sea

INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO)

UN No.: 1230
Proper Shipping Name: Flammable liquid n.o.s (Methanol)
Hazard Class Number: 3
Packing Group: II
Marine Pollutant: No

Air transport

INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA):

This product is classified as dangerous goods per IATA

UN Number: 1230
Proper Shipping Name: Flammable liquid n.o.s (Methanol)
Hazard Class or Division: 3
Marine Pollutant: No
Special Provisions: Reference IATA Dangerous Goods Regulation

Section 15: Regulatory information

U.S. Federal Regulations

U.S. OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations

U.S SARA Reporting Requirements:

The following components of this product are subject to reporting requirements of sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.

CHEMICAL	SECTION 302 EHS (TPQ) (40 CFR 355, Appendix A)	SECTION 304 RQ (40 CFR Table 302.4)	SECTION 313 TRI (40 CFR 372.65)
----------	---	--	------------------------------------



Safety Data Sheet

Methanol	Yes	Yes	Yes
----------	-----	-----	-----

SARA Section 311/312 (40 CFR 370) Hazard Categories:

This product is a hazardous chemical under 29 CFR 1910.1200, and is categorized as an immediate and delayed health, and flammability physical hazard. SARA requires reporting of any spill of hazardous substance.

Toxic Substances Control Act (TSCA):

All components of this product are included on the TSCA inventory

U.S. CERCLA Reportable Quantity (RQ):

5,000 lb (2,270 kg) final RQ

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):

Not listed

European Inventory of Existing Chemicals (EINECS):

All of the components of this product are included on EINECS.

Section 16: Other information

Indication of changes:

Other information:

Full text of H phrases:

STOT SE 1	Specific Target Organ Toxicity-Single Exposure, Category 1, Causes damage to organs
------------------	---



NFPA health hazard: 1-Slightly hazardous (toxic) material which require only minimal protection (for example safety goggles and gloves) in addition to normal work clothing to work safely.

NFPA fire hazard: 3-A flammable liquid or solid which can be readily ignited.

NFPA reactivity: 0-Normally stable, even under fire exposure conditions, and not reactive with water



Safety Data Sheet

Notice to Reader

The information provided herein is believed to be accurate at the time of preparation or prepared from sources deemed to be reliable, but it is the full responsibility of the user to investigate and comprehend other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. **Super Stone Inc. makes no warranty, expressed or implied, concerning the product or merchantability or fitness thereof for any purpose or concerning the accuracy of any information provided by Super Stone Inc.,** except that the product shall conform to Super Stone's specification.