

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name 8-BK-85

Other means of identification

Product Code 1.1.031
Synonyms Pigment Dispersion

Recommended use of the chemical and restrictions on use

Recommended Use: Water-borne coatings; Color additive.
Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address
Leather Refinishing Technologies
529 Caboose Drive
Quakertown, PA 18951 USA

Emergency telephone number

Company Phone Number (215) 536-0625
Emergency Telephone (267) 228-5682

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A

Label elements

Emergency Overview

Warning

Hazard statements

Causes skin irritation
Causes serious eye irritation



Appearance black

Physical state Liquid

Odor Slight

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/eye protection/face protection

Precautionary Statements - Response

Specific treatment (see .? on this label)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of water and soap

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash it before reuse

Hazards not otherwise classified (HNOC)

Not applicable

Other information

- Harmful to aquatic life with long lasting effects
- Harmful to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms Pigment Dispersion.
Chemical characterization Mixture.
Chemical nature Aqueous Pigment Dispersion.

Chemical name	CAS No.	Weight-%	Trade secret
Pigment	Proprietary	6-12	*
2-(Dimethylamino) ethanol	108-01-0	<1.5	*
Ammonium hydroxide	1336-21-6	<0.4	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if symptoms occur.

Skin Contact Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.

Ingestion If sprayed in mouth, rinse mouth with water. Never give anything by mouth to an unconscious person. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable Extinguishing Media None.

Specific hazards arising from the chemical

No information available.

Hazardous combustion products Carbon oxides.

Explosion data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge No.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Use personal protective equipment.

Environmental precautions

Environmental precautions Do not allow material to contaminate ground water system. Prevent product from entering drains. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Contain spill with inert material (e.g. sand, silica gel, binder).

Methods for cleaning up Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition. Stir before use.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Store in original container. Keep from freezing.

Incompatible Products Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Carbon black in this product is bound with other components. Harmful exposure to carbon black is not expected from this product as supplied.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Pigment	-	-	1750 mg/m ³

Legend

Appropriate engineering controls

Engineering Measures Showers
 Eyewash stations
 Ventilation systems. Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face protection Tightly fitting safety goggles.

Skin and body protection Long sleeved clothing. Wear protective gloves and protective clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Slight
Appearance	black	Odor threshold	No information available
Color	black		

<u>Property</u>	<u>Values</u>	<u>Remarks/ • Method</u>
pH	8.5	
Melting point / freezing point	No information available	Not applicable
Boiling point / boiling range	100 °C / 212 °F	Literary reference
Flash point	No data available	
Specific gravity	1.06	Calculated
Water solubility	dispersible	
Kinematic viscosity	135 cPs	None known
Dynamic viscosity	No information available	
Explosive properties	Not explosive.	
Oxidizing properties	Not an oxidizer	

Other information

Molecular weight	No information available
VOC Content (%)	<1.5%
Density	1.06 g/cm ³

10. STABILITY AND REACTIVITY

Reactivity

No known effects under normal use conditions

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information The product itself has not been tested.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Pigment	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-
2-(Dimethylamino) ethanol 108-01-0	= 1803 mg/kg (Rat)	= 1220 mg/kg (Rabbit) = 1370 µL/kg (Rabbit)	= 1641 ppm (Rat) 4 h
Ammonium hydroxide 1336-21-6	= 350 mg/kg (Rat)	-	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity None known.
Carcinogenicity No component of this product present at levels greater than or equal to 0.1% is listed with NTP, IARC or OSHA. Carbon black in this product is bound with other components. Harmful exposure to carbon black is not expected from this product as supplied.

Chemical name	ACGIH	IARC	NTP	OSHA
Pigment	A3	-	-	X

Legend:

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

OSHA: (Occupational Safety & Health Administration)

X - Present

Reproductive Effects None known.
Developmental Toxicity None known.
Teratogenicity None known.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Chronic toxicity No known chronic effects based on supplied information.
Neurological Effects None known.
Aspiration Hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) >5000 mg/kg
ATEmix (dermal) >2000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects

Chemical name	Algae/aquatic plants	Fish	Crustacea
Pigment	Not applicable	Not applicable	EC50: >5600mg/L (24h, Daphnia magna)
2-(Dimethylamino) ethanol	EC50: =35mg/L (72h,	LC50: =81mg/L (96h, Pimephales	EC50: =98.77mg/L (48h, Daphnia

108-01-0	Desmodemus subspicatus)	promelas)	magna)
Ammonium hydroxide 1336-21-6	Not applicable	LC50: =8.2mg/L (96h, Pimephales promelas)	EC50: =0.66mg/L (48h, water flea) EC50: =0.66mg/L (48h, Daphnia pulex)

Persistence and degradability

No information available.

Bioaccumulation

Partition coefficient.

Chemical name	Partition coefficient
2-(Dimethylamino) ethanol 108-01-0	-0.55

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Waste Disposal Methods**

It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

Contaminated packaging

Empty remaining contents. Empty containers should be taken for local recycling, recovery or waste disposal.

Chemical name	CAWAST
Ammonium hydroxide 1336-21-6	Toxic; Corrosive

14. TRANSPORT INFORMATION

DOT Not regulated**TDG** Not regulated**IATA** Not regulated**IMDG** Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory	Complies
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List	Complies
IECSC - China Inventory of Existing Chemical Substances	Complies
PICCS - Philippines Inventory of Chemicals and Chemical Substances	Complies
AICS - Australian Inventory of Chemical Substances	Complies
NECI - Taiwan National Existing Chemical Inventory	Does not comply

Legend:**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	SARA 313 - Threshold Values
Ammonium hydroxide - 1336-21-6	1.0

SARA 311/312 Hazardous

Categorization

Refer to Section 2 of SDS for applicable GHS hazard categories for SARA reporting purposes.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonium hydroxide 1336-21-6	1000 lb	-	-	X

CERCLA

Reportable Quantity (RQ):

Chemical name	Hazardous Substances RQs	CERCLA EHS RQs	RQ
Ammonium hydroxide 1336-21-6	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

U.S. State Regulations

California Proposition 65

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm.

State Right-to-Know

Chemical name	New Jersey	Massachusetts	Pennsylvania
Pigment	-	X	X
2-(Dimethylamino) ethanol 108-01-0	X	X	X
Ammonium hydroxide 1336-21-6	X	X	X
Zinc pyrithione 13463-41-7	-	-	X

16. OTHER INFORMATION

NFPA

Health hazards 2

Flammability 1

Instability 0

HMIS

Health hazards 2

Flammability 1

Physical hazards 0

Prepared By

Regulations Manager

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31-Oct-2019

Revision Note

GHS-Classification; Update to Format.

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet