

Shock Wave Elite

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER

- Product Name** • Shock Wave Elite
- Product Formula** • FS-9143

RELEVANT IDENTIFIED USE OF THE CHEMICAL AND RESTRICTIONS ON USE

- Relevant Use** • Printing cleaner for ultrasonic machines.

SUPPLIER DETAILS

- Flexo Shine
PO Box 216
Nixa MO 65714
Ph: 417-434-6388
orders@flexoshine.com

SECTION 2: HAZARD IDENTIFICATION

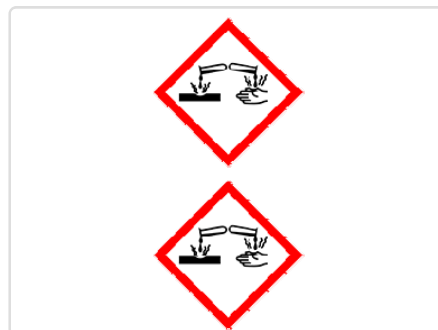
United States (US) - According to OSHA 29 CFR 1920.1200 Hazard Communication Standard

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

- Hazard Classification** • Serious Eye Damage/Eye Irritation - 1
Skin Corrosion/Irritation - 1B

LABEL ELEMENTS

- Signal Word and Pictogram** • Danger
Danger



HAZARD STATEMENTS

- H318 Causes serious eye damage
- H314 Causes severe skin burns and eye damage

PRECAUTIONARY STATEMENTS

- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P260 Do not breathe dust/fumes/gas/mist/vapour/spray.

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Remove/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.
P310	Immediately call a POISON CENTER or doctor/physician.
P321	Specific treatment for active ingredient poisoning is required.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local, state, and federal rules.

OTHER HAZARDS •



HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

SECTION 3: COMPOSITION INFORMATION ON

Chemical Identity	CAS	Percent Weight
Sodium Hydroxide	1310-73-2	<8
No other reportable hazardous materials.	N/A	

SECTION 4: FIRST AID MEASURES

- INHALATION** • If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Call a physician immediately.
- SKIN** • Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician if irritation persists. Wash clothing before reuse.
- EYE** • Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower

and upper eyelids occasionally. Call a physician if irritation persists.

- INGESTION**
- Do not induce vomiting. Never give anything by mouth to an unconscious person. Dilute by drinking two large glasses of water. Call a physician immediately.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

- Use non-flammable or non-explosive extinguishing media.

SPECIFIC HAZARDS

- No known unusual hazards in a fire/explosion situation.

SPECIAL PROTECTIVE ACTIONS FOR FIREFIGHTERS

- In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

FOR NON-EMERGENCY PERSONNEL

- For non-emergency personnel, ventilate area of leak or spill and remove all ignition sources. Wear appropriate personal protective equipment as required to prevent any contamination of skin, eyes, and personal clothing. Isolate release area. Do not touch or walk through spilled material unless wearing the appropriate protective equipment. Keep unnecessary and unprotected personnel from entering.

FOR EMERGENCY RESPONDERS

- For emergency responders, as an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep out of low areas. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.

ENVIRONMENTAL PRECAUTIONS

ACCIDENTAL RELEASE ENVIRONMENTAL

- Stop leak if you can do it without risk. If possible, keep from entering into drains, surface water, or ground water. This product is biodegradable.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

CONTAINMENT AND CLEANUP

- Contain and recover liquid when possible. Cover drains or cap spill when safe. Collect liquid in an appropriate container or absorb with an inert material (e.g. vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Small spills may be flushed to the sanitary sewer with approval from local authorities.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

- Protect against physical damage. Store in a cool, dry well-ventilated location. Separate from incompatible materials.

CONDITIONS FOR SAFE STORAGE AND INCOMPATIBILITIES

- Protect against physical damage. Store in a cool, dry well-ventilated location. Separate from incompatible materials.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS

Chemical Identity	CAS	TLV
Sodium Hydroxide	1310-73-2	2 mg/m ³
No other reportable hazardous materials.	N/A	N/A

APPROPRIATE ENGINEERING CONTROLS

- Use adequate ventilation systems as needed to maintain air concentrations below occupational exposure standards.

INDIVIDUAL PROTECTIONS MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

EYE / FACE PROTECTION

- Chemical safety glasses.

SKIN PROTECTION

- Nitrile gloves.

RESPIRATORY PROTECTION

- None required for normal use. Use an approved NIOSH/MSHA air respirator where use may cause overexposure.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear liquid.

Odor Little odor.

pH 13.6 neat.

Melting Freezing Point Not available.

Initial Boiling Point Not available.

Flash Point Does not flash.

Evaporation Rate Not available.

Flammability Not available.

VOC (g/L) 0 g/L

Lower Limits Not available.

Vapor Pressure Not available.

Vapor Density Not available.

Relative Density 1.08 g/ml

Solubility Miscible with water.

Partition Coefficient Not available.

Auto Ignition Temp Not available.

Decomposition Temp Not available.

Viscosity Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity • No dangerous reaction known under conditions of normal use.

Chemical Stability • Stable under normal temperatures and pressures.

Possibility of Haz Rxns • Will not occur.

Conditions to Avoid • No unusual conditions.

Incompatible Materials • Do not mix with strong acids or bases. Do not mix with any other chemical unless instructed to do so by the manufacturer.

Hazardous Decomposition • In case of fire, oxides of carbon, hydrocarbons, fumes or vapors, soot, and smoke may be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Acute Toxicity No specific information available for mixture.

Skin Corrosion/Irritation No specific information available for mixture.

Serious Eye Damage/Irritation No specific information available for mixture.

Respiratory or Skin Sensitization No specific information available for mixture.

Germ Cell Mutagenicity No specific information available for mixture.

Carcinogenicity No specific information available for mixture.

Reproductive Toxicity No specific information available for mixture.

STOT Single Exposure No specific information available for mixture.

STOT Repeated Exposure No specific information available for mixture.

Aspiration Hazard No specific information available for mixture.

Target Organs Skin.

Routes of Entry Exposure Ingestion, inhalation, skin, eye.

POTENTIAL HEALTH EFFECTS

- INHALATION ACUTE** • May irritate or burn nose, throat and lungs.
- INHALATION CHRONIC** • Vapors or mists may aggravate pre-existing lung conditions.
- SKIN ACUTE** • May cause irritation or burns, redness, or severe pain. Prolonged exposure should be avoided.
- SKIN CHRONIC** • Sensitivity of the skin may occur with repeated, prolonged exposure. Scarring of tissue may occur. Permanent numbness or damage to nerve endings is possible.
- EYE ACUTE** • May irritate or burn eyes. Prolonged exposure to eyes may cause permanent damage and should be avoided.
- EYE CHRONIC** • No data available.
- INGESTION ACUTE** • May irritate or burn gastrointestinal tract. Ingestion of large amounts may cause nausea, vomiting and diarrhea or may even be fatal.
- INGESTION CHRONIC** • No data available.

SECTION 12: ECOLOGICAL INFORMATION

- TOXICITY** • Not enough information on the mixture is available.
- PERSISTENCE & BIODEGRADABILITY** • Not enough information on the mixture is available. The components of the mixture are determined as either readily biodegradable or inherently biodegradable. It is
- BIOACCUMULATIVE POTENTIAL** • Not enough information on the mixture is available.
- MOBILITY IN SOIL** • Not enough information on the mixture is available.
- OTHER ADVERSE EFFECTS** • Not enough information on the mixture is available.

SECTION 13: DISPOSAL CONSIDERATIONS

- DISPOSAL CONSIDERATIONS** • Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14: TRANSPORT INFORMATION

TRANSPORT	• UN 1824, Sodium Hydroxide Solution, 8, PGII
ENVIRONMENTAL HAZARDS	• None known.
SPECIAL PRECAUTIONS	• None known.

SECTION 15: REGULATORY INFORMATION

SARA TITLE III INFORMATION

Chemical Identity	CAS / CAT CODE	PERCENT WT
None Reportable		

OTHER REGULATORY INFORMATION

- **TSCA (Toxic Substance Control Act):** All ingredients of this product are listed on the TSCA inventory.
- **CARCINOGENICITY:** Not listed by IARC, NTP, or OSHA.
- **CALIFORNIA PROPOSITION 65:** This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins which would be subject to the proposition.

SECTION 16: OTHER INFORMATION

Last Revision Date 11/20/2018

Date Prepared 8/28/2015

KEY TO ABBREVIATIONS

N/E = Not Established. CAS = Chemical Abstract Service. ppm = Parts Per Million
 g/L = Grams per Liter mg/m³ = milligrams per cubic meter

LIABILITY DISCLAIMER

- This SDS provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. THIS SDS MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, THIS SDS DOES NOT REMIT RESPONSIBILITY FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.