

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: EHS Fastball

PRODUCT USE: Cleaner

MANUFACTURED FOR: Warsaw Chemical Holdings LLC.
P.O. Box 858
Warsaw, IN 46581

INFORMATION PHONE: Tel: 1-800-548-3396
Fax: 1-574-267-3884

EMERGENCY PHONE: INFOTRAC
1-800-535-5053 USA & Canada
352-323-3500 International

SECTION 2 - HAZARD(S) IDENTIFICATION

CLASSIFICATION: Acute Toxicity - Oral: Category 4
Eye Damage: Category 2B

PICTOGRAMS:



GHS ELEMENTS:

SIGNAL WORD: Warning

HAZARD STATEMENT(S): H302 | Harmful if swallowed.
H320 | Causes eye irritation.

PRECAUTIONARY STATEMENT(S): P264 | Wash any exposed body parts thoroughly after handling.
P270 | Do not eat, drink or smoke when using this product.
P301 + P312 | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330 | Rinse mouth.
P337 + P313 | If eye irritation persists: Get medical advice/attention.
P501 | Dispose of contents/container to appropriate waste disposal entity in accordance with local/regional/national/international regulation.

ADDITIONAL PRECAUTIONS: None Known

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	FUNCTIONAL PURPOSE	PERCENT
Sodium Metasilicate Pentahydrate	10213-79-3	Alkaline Builder	< 1.0%
Alcohols, ethoxylated	68439-46-3	Surfactant	< 1.0%
Sodium tripolyphosphate	7758-29-4	Alkaline Builder	< 1.0%
Tetrasodium EDTA	13235-36-4	Water Softener	< 1.0%
Polyacrylate	Not Available	Surfactant	< 1.0%

Nonylphenol ethoxylate
Acid Violet 54
Direct Blue 199
CMIT / MIT

127087-87-0
Not Available
12222-04-7
55965-84-9

Surfactant
Colorant
Colorant
Preservative

< 1.0%
< 1.0%
< 1.0%
< 1.0%

The chemical identity of some or all components is confidential business information (trade secret) and is being withheld as permitted by 29CFR19191200 (i). No other ingredients known to be hazardous.

SECTION 4 - FIRST AID MEASURES

EYES: Check for and remove 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.

SKIN: Wash skin surfaces thoroughly after contact. Wash clothing and clean shoes thoroughly before reuse. Get medical attention if irritation develops.

INHALATION: Move exposed person to fresh air. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen clothing. Get medical attention immediately.

INGESTION: Wash out mouth with 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.

GENERAL: Physicians: No specific treatment. Treat symptomatically. Contact poison treatment specialist if large quantities have been inhaled or ingested.

See Section 11 for exposure symptoms.

SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABILITY: In a fire or if heated, a pressure increase will occur and the container may burst.

EXTINGUISHING MEDIA: Use an extinguishing agent suitable for the surrounding fire.

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

ADDITIONAL INFORMATION: Thermal decomposition products-carbon monoxide, sulfur oxides, metal oxide/oxides, halogenated compounds.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: No action should be taken involving individual risk or without suitable training. Isolate area. Avoid contact with material. Do not breathe vapors. Provide adequate ventilation. Wear proper personal protective equipment.

ENVIRONMENTAL: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform relevant authorities if the product reaches sewers, waterways or soil.

CONTAINMENT/CLEANUP: Stop leak if without risk. Move containers from spill area. Contain or absorb with inert dry material. Dispose of according to local regulations. See Section

1 for emergency contact information and 13 for waste disposal.

SECTION 7 - HANDLING AND STORAGE

SAFE HANDLING: Wear appropriate personal protective equipment (see Section 8). Eating drinking and smoking should be prohibited. Do not get into eyes or on skin. Do not ingest. Keep containers tightly closed. Do not reuse container.

SAFE STORAGE: Store in accordance with local regulations. Store in original container away from foods, drink and incompatible materials. Keep container tightly closed. Do not store unlabeled. Use appropriate containment.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Apply technical measures to comply with occupational exposure limits. Mechanical ventilation, eyewash stations, showers where necessary.

EYE PROTECTION: Safety eye-wear/face shield complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

RESPIRATORY PROTECTION: Use a properly fitted air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates necessity. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product & the safe working limits of the chosen respirator.

HAND PROTECTION: Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

SKIN PROTECTION: 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.

COMPONENT:	ACGIH TWA ppm	OSHA/NIOSH STEL ppm	OSHA/ACGIH STEL mg/m3
Sodium Metasilicate Pentahydrate	None	None	None
Alcohols, ethoxylated	None	None	None
Sodium tripolyphosphate	10.00	None	None
Tetrasodium EDTA	None	None	None
Polyacrylate	None	None	None
Nonylphenol ethoxylate	10.00	None	None
Acid Violet 54	None	None	None
Direct Blue 199	None	None	None
CMIT / MIT	None	None	None

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	UPPER EXPLOSIVE LIMITS:	NA
COLOR:	Red	LOWER EXPLOSIVE LIMITS:	NA
ODOR:	None	VAPOR PRESSURE:	NA

ODOR THRESHOLD:	NA	VAPOR DENSITY:	NA
PH:	11.5 - 14.0	RELATIVE DENSITY:	NA
MELTING POINT:	NA	SOLUBILITY:	NA
FREEZING POINT:	NA	PARTITION COEFFICIENT:	NA
BOILING POINT:	NA	AUTO-IGNITION TEMPERATURE:	NA
FLASH PT METHOD:	NA	DECOMPOSITION TEMPERATURE:	NA
FLASH POINT:	NA	SPECIFIC GRAVITY:	NA
EVAPORATION RATE:	NA	% VOLATILE:	NA
FLAMMABILITY:	NA	VISCOSITY (cst):	NA

SECTION 10 - STABILITY AND REACTIVITY

REACTIVITY:	HAZARDOUS DECOMPOSITION PRODUCTS
CHEMICAL STABILITY:	Stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	Non-reactive.
CONDITIONS TO AVOID:	Excessive heat or open flame.
INCOMPATIBLE MATERIALS:	Avoid contact with acidic materials and strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Under normal conditions, none are known.

SECTION 11 - TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Inhalation X Absorption X Ingestion

ACUTE EXPOSURE HAZARDS:

EYE CONTACT:	Irritation, stinging, redness, burns.
DERMAL:	Irritation, burns upon prolonged exposure.
ORAL:	Nausea, vomiting.
INHALATION:	No expected route of entry. Irritation.

Sodium Metasilicate Pentahydrate (CAS No. 10213-79-3)
Oral LD50: Rat 1152-1349 mg

Alcohols, ethoxylated (CAS No. 68439-46-3)
Oral LD50: Greater than 50 mg/kg
Dermal LD50: Greater than 200 mg/kg

Sodium tripolyphosphate (CAS No. 7758-29-4)

Oral LD50: 5400mg/kg rat

Dermal LD50: 7940mg/kg rabbit

Tetrasodium EDTA (CAS No. 13235-36-4)

Oral LD50: 1780-<2,000 mg/kg, rat

Dermal LD50: >5,000 mg/kg, rabbit

Polyacrylate (CAS No. Not Available)

Oral LD50: Rat >2000 mg/kg

Nonylphenol ethoxylate (CAS No. 127087-87-0)

Oral LD50: 960-3980 mg/kg rat

Dermal LD50: 2,000-2,991 mg/kg rabbit

Inhalation LC50: 1.15 mg/L (4 hr) rat

CMIT / MIT (CAS No. 55965-84-9)

Oral LD50: 66mg/kg rabbit

Dermal LD50: 141mg/kg rat

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY: No data available.

PERSISTENCE & DEGRADABILITY: No data available.

BIOACCUMULATIVE POTENTIAL: No data available.

MOBILITY IN SOIL: No data available.

OTHER ADVERSE EFFECTS: No data available.

Sodium Metasilicate Pentahydrate (CAS No. 10213-79-3)

Fish LC50: Danio Rerio (Zebra Fish) 210 mg/L 96h

Sodium tripolyphosphate (CAS No. 7758-29-4)

Fish LC50: greater than 100mg/L 96h trout

Crustacean LC50: greater than 1000mg/L 48h daphnia

Tetrasodium EDTA (CAS No. 13235-36-4)

Fish LC50: >1592mg/l, 96h, bluegill

Polyacrylate (CAS No. Not Available)

Fish LC50: Daphnia 162 mg/L 48h

Nonylphenol ethoxylate (CAS No. 127087-87-0)

Fish LC50: 3.8-6.2 mg/l (96 hr) fathead minnow

CMIT / MIT (CAS No. 55965-84-9)

Fish LC50: 0.22mg/L 96h trout

Crustacean LC50: 6.76mg/L 48h daphnia

SECTION 13 - DISPOSAL CONSIDERATION

Material that cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of the product may change the waste management options. Waste generators must decide if discarded material is a hazardous waste. State and local disposal regulations may differ from federal disposal definitions.

Special

NFPA warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health, and reactivity hazards of chemicals.

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