DIMACHEM

SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

Product ID: EZDRAWSF2

Product Name: EZ DRAW® SYNFORGE 2000

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Product/Recommended Uses:

SECTION 2) HAZARDS IDENTIFICATION

Classification

Eye Irritation - Category 2

Reproductive Toxicity - Category 1B

Skin Irritation - Category 2

Acute aquatic toxicity - Category 2

Chronic aquatic toxicity - Category 2

Safety data sheet prepared in accordance to the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

Pictograms



Signal Word

Danger

Hazardous Statements - Health

H319 - Causes serious eye irritation

H360 - May damage fertility or the unborn child

H315 - Causes skin irritation

Hazardous Statements - Environmental

H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements - General

P101 + P102 + P103 - If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use.

Precautionary Statements - Prevention

P273 - Avoid release to the environment.

P264 - Wash hands thoroughly after handling.

P280 - Wear protective gloves, protective clothing, eye protection/face protection.

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

Precautionary Statements - Response

P305 + P351 + P338 + P337 + P313 - 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.

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

P302 + P352 + P362 + P364 + P332 + P313 - IF ON SKIN: Wash with plenty of water. Take off contaminated clothing. And wash it before reuse. If skin irritation occurs: Get medical advice/attention.

P321 - Specific treatment (see First-Aid on this label).

P391 - Collect spillage.

Precautionary Statements - Storage

P405 - Store locked up.

Precautionary Statements - Disposal

P501 - Dispose of contents and container in accordance with local, national and international regulation.

SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0001314-13-2	ZINC OXIDE	5% - 10%
0012179-04-3	BORATES, TETRA, SODIUM SALTS (PENTAHYDRATE)	1% - 5%
0001344-09-8	SODIUM SILICATE	1% - 5%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Indication of any immediate medical attention and special treatment needed

Treat according to symptoms (decontamination, vital functions), no known specific antidote. Treatment should be supportive and based on the judgement of the physician in response to the reaction of the patient.

Most important symptoms and effects, both acute and delayed

No data available.

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If exposed/If you feel unwell/If concerned: Call a POISON CENTER or doctor.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. Wash contaminated clothing before reuse. If skin irritation occurs or you feel unwell: Get medical advice/attention.

Eye Contact

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth. If exposed/If you feel unwell/If concerned: Call a POISON CENTER or doctor.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, carbon dioxide, water spray, fog or foam

Unsuitable Extinguishing Media

Do not use straight stream of water.

Specific Hazards Arising from the Chemical

Runoff may pollute waterways

Precautions for Firefighters

Isolate immediate hazard area and keep unauthorized personnel out. Move undamaged containers from immediate hazard area if it can be done safely. Cool containers with flooding quantities of water until well after fire is out. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Equipment

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

Isolate hazard area and keep unauthorized personnel away. Stay uphill and/or upstream. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Protective Equipment

See section 8 for specifics on protective personal equipment (PPE).

Personal Precautions

Avoid breathing vapor or mist. Avoid contact with skin, eye or clothing.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and Materials for Containment and Cleaning up

Absorb Liquids in vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal.

SECTION 7) HANDLING AND STORAGE

General

Wash hands after use. Avoid contact with skin, eye or clothing. Avoid breathing vapor or mist. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. All containers must be properly labelled. Eyewash stations and showers should be available in areas where this material is used and stored

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Report ventilation failures immediately.

Storage Room Requirements

Store in a cool, dry, well ventilated area, away from sources of ignition and incompatibilities. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Empty containers retain residue and may be dangerous.

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection

Wear indirect-vent, impact and splash resistant goggles when working with liquids.

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 should be followed. Check with respiratory protective equipment suppliers.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)	ACGIH STEL (mg/m3)
BORATES, TETRA, SODIUM SALTS (PENTAHYDRATE)		1				2 (I)		6 (I)
ZINC OXIDE		5,5c		10d		2 (R)		10 (R)

Chemical Name	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH Notations	ACGIH TLV Basis	CAN_ONtmg	CAN_ONtppm	CAN_ONsmg	CAN_ONsppm
BORATES, TETRA, SODIUM SALTS (PENTAHYDRATE)		A4	A4	URT irr				
ZINC OXIDE				Metal fume fever				

Chemical Name	OSHA TWA (mg/m3)	OSHA TWA (ppm)	OSHA STEL (mg/m3)	OSHA STEL (ppm)	OSHA Carcinogen	OSHA Skin designation	OSHA Tables (Z1, Z2, Z3)
BORATES, TETRA, SODIUM SALTS (PENTAHYDRATE)							
ZINC OXIDE	[15]; [5];						1

(C) - Ceiling limit, (I) - Inhalable fraction, (R) - Respirable fraction, A4 - Not Classifiable as a Human Carcinogen, irr - Irritation, URT - Upper respiratory tract

The information in this Section does not list non-hazardous components that might have relevant OSHA TWA (mg/m3), OSHA TWA (ppm), OSHA Carcinogen, OSHA Tables (Z1, Z2, Z3) , ACGIH Carcinogen, ACGIH Notations, ACGIH TLV Basis, CAN_ONtmg, NIOSH TWA (mg/m3), NIOSH Carcinogen, ACGIH TWA (mg/m3) regulatory values, if they are present at less than 100%. Please contact manufacturer for more information.

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Density	1.00000 lb/gal
Specific Gravity	0.11983
% Solids By Weight	100.00000%
% VOC	0.00000%

Appearance	White liquid
Odor Threshold	N/A
Odor Description	Mild chemical
pH	10.00000
Water Solubility	N/A
Flammability	N/A
Flash Point Symbol	N/A
Flash Point	N/A

Viscosity	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Freezing Point	N/A
Melting Point	N/A
Low Boiling Point	N/A
High Boiling Point	N/A
Auto Ignition Temp	N/A
Decomposition Pt	N/A
Evaporation Rate	N/A
Coefficient Water/Oil	N/A
Kinematic Viscosity	N/A
Kinematic Viscosity Temperature	N/A

SECTION 10) STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical Stability

Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions/Polymerization

Will not occur.

Conditions To Avoid

Avoid heat, sparks, flame, high temperature and contact with incompatible materials.

Incompatible Materials

Strong bases, acids, and oxidizing agents.

Hazardous Decomposition Products

No known decomposition products.

SECTION 11) TOXICOLOGICAL INFORMATION

Aspiration Hazard

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

Carcinogenicity

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

Germ Cell Mutagenicity

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

Reproductive Toxicity

May damage fertility or the unborn child

Respiratory/Skin Sensitization

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

Serious Eye Damage/Irritation

Causes serious eye irritation

Skin Corrosion/Irritation

Causes skin irritation

Specific Target Organ Toxicity - Repeated Exposure

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

Specific Target Organ Toxicity - Single Exposure

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

Acute Toxicity

The Acute Toxicity Estimate (ATE) for an oral exposure to this mixture is >5000 mg/kg body weight

The Acute Toxicity Estimate (ATE) for a dermal exposure to this mixture is >5000 mg/kg body weight

The Acute Toxicity Estimate (ATE) for an inhalation (vapour) exposure to this mixture is >20 mg/l

Chronic Exposure

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

Likely Routes of Exposure

Inhalation, Ingestion, Skin contact, Eye contact

Potential Health Effects - Miscellaneous

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

0001314-13-2 ZINC OXIDE

LD50 (oral, mouse): 7950 mg/kg body weight (9)

SECTION 12) ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life

Toxic to aquatic life with long lasting effects

Persistence and Degradability

No data available.

Bioaccumulative Potential

No data available.

Mobility in Soil

No data available.

Other Adverse Effects

No data available.

0001314-13-2 ZINC OXIDE

LC50 (Crustacean - Daphnia magna, 48 hrs) : 0.098 mg/l, type of exposure : static

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste. Waste management should be in full compliance with national, state and local laws. Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

SECTION 14) TRANSPORT INFORMATION

	Canadian TDG Information	U.S. DOT Information
UN number:	Not Regulated	Not Regulated
Proper shipping name:	N/A	N/A
Hazard class:	Not Applicable	Not Applicable
Packaging group:	Not Applicable	Not Applicable
Hazardous substance (RQ):	No Data Available	No Data Available
Marine Pollutant:	No Data Available	No Data Available
Note / Special Provision:	No Data Available	No Data Available
Toxic-Inhalation Hazard:	No Data Available	No Data Available

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0001314-13-2	ZINC OXIDE	5% - 10%	SARA313, Canada_NPRI, DSL - Domestic Substance List, SARA312, TSCA - Toxic Substances Control Act (TSCA), NJ_RightToKnow_HazSubList - New Jersey Right to Know Hazardous Substance List (RTKHSL), MA_RightToKnow - Massachusetts Right to Know
0012179-04-3	BORATES, TETRA, SODIUM SALTS (PENTAHYDRATE)	1.00% - 5%	SARA312, MA_RightToKnow - Massachusetts Right to Know
0001344-09-8	SODIUM SILICATE	1.00% - 5%	DSL - Domestic Substance List, SARA312, TSCA - Toxic Substances Control Act (TSCA)
0007632-00-0	SODIUM NITRITE	0.10% - 1.00%	SARA313, Canada_NPRI, DSL - Domestic Substance List, SARA312, TSCA - Toxic Substances Control Act (TSCA), NJ_RightToKnow_HazSubList - New Jersey Right to Know Hazardous Substance List (RTKHSL), MA_RightToKnow - Massachusetts Right to Know, TSCA_SNUR - TSCA Significant New Use Rules (SNURs)
0007631-99-4	SODIUM NITRATE	Trace	SARA313, DHS_COI - DHS_Chemical Of Interest, Canada_NPRI, DSL - Domestic Substance List, SARA312, TSCA - Toxic Substances Control Act (TSCA), Canada_ON_419, NJ_RightToKnow_HazSubList - New Jersey Right to Know Hazardous Substance List (RTKHSL), MA_RightToKnow - Massachusetts Right to Know

The information in this Section does not list non-hazardous components that might have relevant CA_Prop65, CA_Prop65_Type_Toxicity_Cancer, Canada_ON_419, IARCCarcinogen, MA_RightToKnow - Massachusetts Right to Know, NJ_RightToKnow_HazSubList - New Jersey Right to Know Hazardous Substance List (RTKHSL), NTP_Carcinogen - National Toxicology Program Carcinogens, SARA312, TSCA - Toxic Substances Control Act (TSCA), DSL - Domestic Substance List, SARA312 regulatory values, if they are present at less than 100%. Please contact manufacturer for more information.



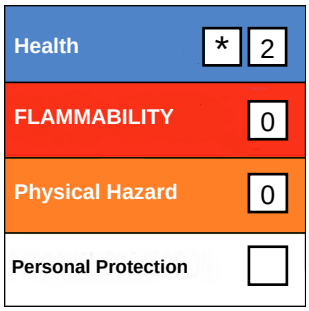
WARNING: This product can expose you to chemicals including SILICA, CRYSTALLINE, which is [are] known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16) OTHER INFORMATION

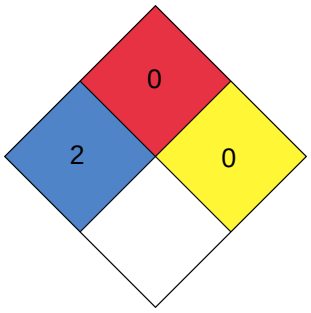
Glossary

ACGIH - American Conference of Governmental Industrial Hygienists; CAS - Chemical Abstracts Service ; Chemtrec - Chemical Transportation Emergency Center; DSL - Domestic Substances List; ESL- Effects screening levels; GHS - "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations; HMIS - Hazardous Material Information Service; IATA - Dangerous Goods Regulations (DGR) for the air transport (IATA); IMDG - International Maritime Dangerous Goods Code; LC - Lethal Concentration; LD - Lethal Dose; NFPA - National Fire Protection Association; OEL - Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL - Permissible Exposure Limit; SARA 313 - Superfund Amendments and Reauthorization Act, Section 313; SCBA - Self Contained Breathing Apparatus; ppm - parts per million; STEL - Short-term exposure limit; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act Public Law 94-469; TWA - Time-weighted average; US DOT- US Department of Transportation.

HMIS



NFPA



(*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

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First Edition.

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