

DYNAFORGE TOOLS & HARDWARE CO., LTD

SAFETY DATA SHEET

MSDS Name : SOLDERING IRON CLEANER

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: BRASS

Catalog Numbers:

Synonyms:

Company Identification: Dynaforge Tools & Hardware Co., Ltd.

For information, call: 86-21-62310392

For emergencies, call: 86-21-62310392

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

CAS#	Chemical Name	%	EINECS#
7440-50-8	Cu	59.0-71.5	
7440-66-6	Zn	41.0-28.5	
7439-92-1	Pb	<0.1	
7439-89-6	Fe	<0.07	

**** SECTION 3 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Contact processing or use of the products formed in the process of dust, can cause headaches, drowsiness, whole body weakness, respiratory tract mucous membrane irritation, asthmatic bronchitis and skin diseases, can also occur renal damage. Metal contained may also cause cancer.

**** SECTION 4 - FIRST AID MEASURES ****

Eye: Flush eyes with water for at least 15 minutes. Contact a physician if irritation occurs.

Skin: Remove contaminated clothing, wash with soap and water. Contact a physician if irritation occurs.

Ingestion: Drink plenty of warm water, emetic. Contact a medical expert.

Inhalation: Remove subject to fresh air. To maintain airway patency. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Contact a physician if irritation occurs.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Not applicable.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Not applicable.

**** SECTION 7 - HANDLING and STORAGE ****

Storage: Store in a cool, ventilated places. Keep away from fire, heat source.

Handling: sharp edge may cause cutting. Be careful to handle with hand.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls: Local exhaust required only.

Personal Protective Equipment: No special protection needed.

Eye protection: wear safety goggles when needed.

Hand protection: wear protective gloves.

Other protection: NI

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State: slices

Odor: None.

Vapor Pressure: Cu2567-2595
Zn 907.

Boiling Point: NI

Autoignition Temperature: NI

Explosion Limits, lower %(V/V): 20

Decomposition Temperature: 904-954°C

Specific Gravity/Density: NI

Molecular Weight: NI

Color: brass

pH: NI

Viscosity: NI

Freezing/Melting Point: NI

Flash Point: 420°C

Explosion Limits, upper: NI

Solubility in water: unsolvable

Molecular Formula: Cu

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Stable.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Acute Toxicity: when Copper powder is more than 3500 ug/kg, will cause acute poisoning symptoms of vomiting, powerlessness and stomach ache.

Chronic or Long Term Toxicity: be harmful to the liver and kidney

**** SECTION 12 - ECOLOGICAL INFORMATION ****

Possible Environmental Impact/Environments Run-offs: if the concentration in water is 0.015-3.0 mg/L, will be harmful to many types of fishes, crustaceans and software animals.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Recyclable.

**** SECTION 14 - TRANSPORT INFORMATION ****

Keep away from water. Transport in usual ways.

Reported by:

Company Name : Dynaforge Tools & Hardware Co., Ltd.

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Authorized Person: Jason Zhang

Date: 2014-5-30

Signature: 上海先铸五金工具有限公司
DYNAFORGE TOOLS & HARDWARE CO., LTD.



Zhang Yaozhong (General Manager)