

****** MATERIAL SAFETY DATA SHEET ******

MSDS Name (报告物名称) : DZ88 Copper extraction reagent

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

第一部分 化工产品及其发件单位

MSDS Name(报告物名称): DZ88 Copper extraction reagent

Catalog Numbers(化工品分类号):

Synonyms(又名): Oxime type extraction reagent

Company Identification(发件公司名称): Zhengzhou Deyuan Fine Chemicals Co., Ltd

For emergencies, call(应急联系电话): 18937129559

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

成份特点

CAS# 化学特性索引号码	Chemical Name 化学名称	% 浓度	EINECS#
59344-62-6	Copper extraction reagent	50% Ketoxime 50% kerosene	

Hazard Symbols(危险特性):

Risk Phrases(危险条件):

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

危险特征

EMERGENCY OVERVIEW 概述

Eye 眼睛: Stimulating

Skin 皮肤: Irritation

Ingestion 误食: Causing Vomiting

Inhalation 吸入: Mild respiratory infections

Chronic 可否引起慢性疾病: Long time or frequency contact can lead to Nausea, headache, vomiting, shortness of breath, wheezing.

Combustion hazard 燃爆危险: Flammable, mixer of its vapor and air can form explosive mixture.

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

应急医疗救治

Eyes 眼睛: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

Skin 皮肤: If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.

Ingestion 误食: Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital

Inhalation 吸入: Leave the scene, go to the place with fresh air

Notes to Physician 给内科医生的建议: Must wear good protective measure when contacting.

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

消防扑救方法

Flash point:	80
Autoignition temperature:	No data available
Suitable extinguishing media:	Carbon Dioxide (CO2)
Unsuitable extinguishing media:	High volume water jet.
Specific hazards during firefighting:	Do not allow run-off from fire fighting to enter drains or water courses.

Special protective equipment for fire-fighters: Wear self contained breathing apparatus for the fighting if necessary

Further information: Its vapor and air can form explosive mixture, encounter caused an explosion of the burning flame, high heat, strong reaction can occur with antioxidants. The steam is heavier than air, can spread far place in low, meet fire leads back to the burning. Velocity too fast, easy to generate and accumulate static electricity .As far as possible, remove the container from fire to empty place, keep container cooling, if the container suddenly abnormal sound or abnormal phenomenon, should immediately leave. Available foam, carbon dioxide, dry powder fire extinguishing

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

事故处理

Personal precautions: Use personal protective equipment. Ensure adequate ventilation.

Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for cleaning up: Contain spillage, and then collect with non-combustible absorbent material. (eg. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/ national regulations). Keep in suitable, closed containers for disposal

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

处理和存放

Handling

Advice on safe handling: Avoid formation of aerosol. Do not breathe vapors/dust. Avoid exposure-obtain special instructions before use. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and /or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulation.

Advice on protection against fire and explosion: Do not spray on an open flame or any other incandescent material. Keep away from open flames, hot surfaces and sources of ignition.

Storage:

Requirements for storage area and containers: No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations/working materials must completely with the technological safety standards.

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

安全控制和人员保护

Engineering Controls 机械控制: Airtight operation, local ventilation

Personal Protective Equipment 个人防护: Wear protective glasses, acid and alkali resistant gloves ,wearing a self-priming filter mask

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

Physical State (物理状态): Oily liquid	Color (颜色): Puce
Odor (味道): Fragrant smell of benzene	pH: Faintly acid
Boiling Point (沸点): >300°C	Flash Point (闪点): >80°C
Relative density: 0.91-0.93	
Solubility: Insoluble in water, soluble in ethanol, ether, organic solvent, etc.	

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

稳定性和活性

Chemical Stability 化学稳定性: Stability

Conditions to Avoid 应避免的环境: Heat, open flame

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

毒性信息

RTECS# (毒性数据号码):

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

生态学信息

The material may have harm to the environment, the water should give special attention to the atmosphere.

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

销毁建议

To be burned in the control method of disposal.

Reported by: (报告人)

Company Name: Zhengzhou DeZhong chemical reagent factory

Date: 2013-06-08

Authorized Person: Technical department

