

物质安全资料表(MSDS)

一. 物品与公司信息

物品名称: **镍镀层 Nickel**

Article name: **Nickel**

化学品英文名称: **nickel**

English name of chemical: nickel

公司名称: 余姚市爱迪升电镀科技有限公司

Company name: yuyao aidisheng electroplating technology co., LTD

公司制造地址: 宁波市余姚市临山镇镇北工业区沧海路 7 号

Manufacturing address: yuyao xiaocao e town binhai industrial park

联系人: 姚建军

Contact: yao jianjun

联系电话: 0574-58121212

传真: 0574-62019555

Contact number: 0574-58121212 fax: 0574-62019555

二. 物品的成分/组成信息

2. Information about the composition of the item

物质纯度: 纯化学品物质

Material purity: pure chemical substance

物品名称: 镍镀层 Nickel CAS NO: 7440-02-0

Article name: Nickel coating Nickel CAS NO: 7440-02-0

其他毒害物质: N/A

Other toxic substances: N/A

三. 危害性资料

3. Hazardous data

危险性类别: 第 4.2 类 自然物品

浸入途径: 吸入 食入 经皮吸收

健康危害: 可引起皮炎、丘疹、红斑重者化脓, 产期吸收可引起变态反应性肺炎。支气管炎、哮喘等

环境危害: 对环境有危害, 对水体可造成污染

燃爆危险: 本品属自然物品, 具刺激性, 接触可引起皮炎, 奇痒等

Hazard category: natural article category 4.2

Ingestion: inhalation into percutaneous absorption

Health harm: can cause dermatitis, papule, erythema serious person fester, perinatal absorption can cause allergic pneumonia. Bronchitis, asthma, etc

Environmental hazards: harmful to the environment, can cause pollution to the water body

Explosion hazard: this product belongs to the natural article, has the irritant, the contact may cause

the dermatitis, the itch and so on

四. 急救措施

4.Four. First aid measures

因吸入接触时：将病人转移到新鲜的空气中，保持病人体温和安静。

如果呼吸困难，给输氧。不得给病人吃任何的药物。

如果病人没有意识，将病人安置好后叫救护车。

眼睛接触：提起眼睑，用大量的流动清水或生理盐水冲洗。如眼睛发红、灼伤或视力减退，应向眼科医生求诊。

皮肤接触：立即脱掉所有受污染的衣物，用肥皂水和清水彻底冲洗皮肤。

吞咽：饮足量温水，催吐，立即就医并告知吞咽物名称。

For inhalation contact: transfer client to fresh air, keep client warm and quiet.

If breathing is difficult, give oxygen. The patient must not be given any medicine.

If the patient is unconscious, place the patient and call an ambulance.

Eye contact: lift eyelids and rinse with plenty of running water or saline. Consult an ophthalmologist if your eyes are red, burned or your vision is failing.

Skin contact: immediately remove all contaminated clothing and rinse skin thoroughly with soapy water and water.

Swallow: drink enough warm water to induce vomiting, seek medical advice immediately and tell the name of the swallowed.

五. 灭火措施

5. Five. Fire extinguishing measures

有害燃烧产物：无资料

灭火器：泡沫、干粉、沙土

灭火时可能遇到之特殊危害：遇强酸反应放出氢气。粉尘可燃，能与空气形成爆炸性混合物

特殊灭火程序：穿全身防火防毒服，戴防毒面具，在上风向灭火

Safety precautions: avoid contact with skin and eyes. Absolutely avoid inhaling product dust.

Environmental protection measures: prevent any material into the sewer.

Dispose the recycled waste according to relevant regulations.

No impact on the environment, no special treatment is required

Cleaning measures: do not come into direct contact with leakage, use non-sparking tools to collect and transfer from dry, clean, covered containers for recycling.

六. 防护措施

6.Protective measures

安全预防措施：避免皮肤接触、眼睛接触。绝对避免吸入产品粉尘。

环境安全防护措施：防止任何物料流入下水道。

根据相关规定对回收的废料进行处理。

对环境无影响，不需要特别处理

清理措施：可被氯水破除。

收集产品，达到一定的量后也可回收利用

七. 装卸和储存

7.Seven. Handling and storage

装卸：在通风良好的区域进行。操作人员必须经过专门培训，严格遵守操作规程。

推挤设备和程序：关于个人安全，参见第八项。

遵守产品标签陈述的防范规定和工业安全规章。任何情况下，必须回收散落在作业区内的产品。配备相应品种和数量的消防器材及泄露应急处理设备。

禁止设备和禁止程序：禁止在预备用于装卸的作业区内吸烟和饮食。

储存：存放在干燥、通风良好的区域，储存容器密闭良好。应与氧化剂、酸类等分开存放，切忌混储。远离食物和饮水（包括提供给动物的）。

必须在下列条件下储存：储存间只有授权人才能进入，无酸存在

Loading and unloading: in a well ventilated area. Operators must be specially trained to strictly follow the operating procedures.

Pushing equipment and procedures: for personal safety, see item 8.

Comply with the product label statement and industrial safety regulations. In any case, products scattered in the operation area must be recycled.

Equipped with the appropriate variety and quantity of fire equipment and leakage emergency treatment equipment.

Prohibited equipment and prohibited procedures: smoking and eating are prohibited in the working area intended for loading and unloading.

Storage: store in a dry, well-ventilated area with a well sealed storage container. Should be stored separately with oxidant, acid kind, avoid by all means mix store. Stay away from food and water (including those provided to animals).

Storage must be under the following conditions: storage room only authorized access, acid free

八. 技术措施：

8.Eight. Technical measures:

保证足够的通风，如果可能在工作地点安装风扇进行适当的换风。

定期检查空气情况。

安全呼吸器具：佩戴自吸式过滤呼吸面罩。

手的防护：戴防化学防护手套操作。

眼睛和面部防护：戴化学安全防护眼镜。

皮肤防护：更多信息请参考第十一项——毒物学信息

Ensure adequate ventilation and, if possible, install fans in the workplace for proper ventilation.

Check the air condition regularly.

Safety breathing apparatus:

Wear a breathing mask.

Hand protection:

Operate with gloves.

Eye and face protection:

Wear goggles.

Skin protection:

For more information please refer to item 11 - toxicology information

九. 物理化学性质

9.Nine. Physicochemical properties

物质状态: 固体

颜色: 银白色坚硬金属

密度: 8.902g/cm³

分子量: 58.70

熔点: 1453

沸点: 2732

气味: 无气味

水中溶解度: 不溶解于浓硝酸, 融于稀硝酸

State of matter: solid

Color: silver white

Density: 8.902 g/cm after

Density: 8.902 g/cm after

Molecular weight: not applicable

Boiling point: not applicable

Odor: no odor Solubility in water: insoluble in water

十. 稳定性和反应活性

10.Ten. Stability and reactivity

与酸反应产生过氧化氢等强酸性及强氧化性物质

有害分解产物: 无

And acid reaction to produce hydrogen peroxide and other strong acid and strong oxidation

Harmful decomposition products: none

十一. 毒化学信息

11. Toxic chemical information

急性毒性: LD50:无资料 LC50: 无资料

吸入时: 无相关数据。N/A!

吞咽时: 无相关数据。N/A!

眼镜皮肤接触时: Draize 试验数据不祥, 但由于产品的腐蚀性, 后果可能很严重。

Acute toxicity LD50: no data LC50: no data

Inhalation: no data. N/A!

Swallowing: no data available. N/A!

Eyeglass skin contact: Draize test data is ominous, but due to the corrosive nature of the product, the consequences can be serious.

十二. 生态学信息

12. Twelve. Ecological information

迁移性: 土壤中极易扩散, 本产品不允许排入下水道, 应特别注意对水体的污染

降解度: 本品可生物降解。

聚积性: 不可聚积。

Mobility: the soil is easy to diffuse, this product is not allowed to be discharged into the sewer, special attention should be paid to water pollution

Degradation degree: this product is biodegradable.

Accumulation: cannot accumulate

十三. 废品处置 DISPOSAL CONSIDERATIONS

13. Waste DISPOSAL CONSIDERATIONS

处置前应参阅国家和地方有关法规 (使用前请参考他们的物料安全资料)。

废品对环境无毒害, 可以回收利用。

Please refer to relevant national and local regulations before disposal (please refer to their material safety information before use).

Waste products are harmless to the environment and can be recycled.

十四. 运输信息 TRANSPORT INFORMATION

14. TRANSPORT INFORMATION

包装类别: Z01

包装方法: 无资料

本品运输须遵守的相关规定: 公路运输遵守 ADR; 铁路运输遵守 RID; 海运遵守 IMDG; 航空运输遵守 ICAO/IATA

Package category: Z01

Packing method: no data available

Relevant regulations for transportation of this product | : ADR for road transportation; Rail transport complies with the RID; Shipping follows IMDG; Air transport complies with ICAO/IATA

十五. 法规信息

15. Regulatory information

化学危险物品安全管理条例 (1987 年 2 月 17 日国务院发布), 化学危险物品安全管理条例实施细则 (化劳发【1992】677 号), 工作场所安全使用化学品规定 (【1996】劳部发 426 号) 等法规, 针对化学危险品的安全使用、生产、储存、运输、装卸等方面均作了相应规定; 车间空气中铜尘(烟)卫生标准 (GB 11531-89), 规定了车间空气中该物质的最高容许浓度及检测方法。

危险物及有害物通识规则

特殊规定: 符合欧盟 ROHS 标准

(chemical dangerous goods safety management regulations promulgated by the state council on February 17, 1987), the chemical dangerous goods safety management regulations, implementing rules (lowe hair [1992] no. 677), using chemicals workplace safety regulation (no. 426 [1996] labor

department is sent) such as laws and regulations, for the safe use of hazardous chemicals, production, storage, transportation, loading and unloading and so on all has made the corresponding provisions; The hygienic standard for copper dust (smoke) in workshop air (GB 11531-89) specifies the maximum allowable concentration of the substance in workshop air and the test method.

General knowledge of hazardous and hazardous materials

Special provisions: in accordance with the European Union ROHS standards

十六. 其他信息

16. Other information

由于我们不知道使用者的工作条件，故本资料是根据我们目前所知己的国家相关法律法规规定的。

本产品不可在项目 1 规定以外的场合使用，不可在未取得安全资料时使用。

任何时候，使用者在使用中应采取必要的措施遵守当地法规。

本资料只作为一种描述性的信息而不作为产品性质说明

Since we do not know the working conditions of the users, this information is based on the relevant laws of the countries we are currently close friends with.

This product shall not be used in any place other than specified in item 1, and shall not be used in the absence of safety information.

At all times, the user shall take necessary measures to comply with local regulations in use.

This information is intended to be descriptive and not to describe the nature of the product