



天津中联检测技术有限公司

Tianjin ZhongLian Testing Technology Co.,Ltd.

检验鉴定报告

编号 CU2022002654

TEST REPORT

安全数据单

SAFETY DATA SHEET

一、标识\Identification

申报名称\Declared name: 四氯邻苯二甲酸酐\TETRACHLOROPHTHALIC ANHYDRIDE

其它名称\Other names: /

使用建议及使用限制\Recommended uses: 无资料\ No data available

制造商名称、地址及电话\Name, address and contact information of the manufacturer or supplier :

山西榆化精细化工有限公司\Shanxi Yuhua Fine Chemical Co. , Ltd.

山西省晋中市榆社县新建南路 99 号

Tel: 13485312118; Fax: /

供应商名称、地址及电话\Name, address and contact information of the manufacturer or supplier :

山西榆社化工股份有限公司\Shanxi Yushe Chemical Co. , Ltd.

山西省晋中市榆社县新建南路 99 号

Tel: 0354-6633333; Fax: /

紧急联络电话\Emergency telephone number: 0354-6633333

二、危险标识\Hazard(s) identification

物质或混合物分类\Classification of the substance or mixture:

皮肤致敏物第 1 类\Skin Sensitization(Category 1)

严重眼损伤/眼刺激第 1 类\Serious eye damage/eye irritation(category 1)

呼吸致敏第 1 类\Skin Sensitization(Category 1)

水生环境危险，短期急性 1 类\ Hazardous to the aquatic environment,acute hazard(category 1)

水生环境危险，长期慢性 1 类\ Hazardous to the aquatic environment, long-term hazard(category 1)

全球统一制度标签要素\GHS label elements:



电话 (Tel) : 022-25316706/25316708

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邮编 (Post code) : 300456

地址 (Add) : 天津港保税区津滨大道 280 号

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3. 本报告自签发日期算起，一年有效。 \This report will be valid for one year from the date of issue.

4. 本报告仅对样品负责。 \This report is only responsible for samples.

5. 本报告实验室检测项目委托天津海关工业产品安全技术中心提供。 \The laboratory's inspection items in this report are entrusted to the Technical Center for Industrial Products Safety of China Customs in Tianjin.



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信号词\Signal word: 危险\ DANGER

危险性说明\Hazard statement(s):

H317 可能造成皮肤过敏反应\ May cause an allergic skin reaction

H318 造成严重眼损伤\Causes serious eye damage

H334 吸入可引起过敏或哮喘症状, 或造成呼吸困难\May cause allergy or asthma symptoms or breathing difficulties if inhaled

H400 对水生生物毒性极大\ Very toxic to aquatic life

H410 对水生生物毒性极大并具有长期持续影响\ Very toxic to aquatic life with long lasting effects

防范说明\ Precautionary statement (s) :

避免吸入粉尘/烟/气体/气雾/蒸气/喷雾。受沾染的工作服不得带出工作场地。避免释放到环境中。 \ Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace.Avoid release to the environment.

戴防护手套/穿防护服/戴防护眼罩/戴防护面具/戴听力保护装置。 \ Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

戴呼吸防护装置。 \[In case of inadequate ventilation] wear respiratory protection.

如皮肤沾染: 用水充分清洗。如发生皮疹: 就诊。 \ IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical help.

如误吸入: 将人转移到空气新鲜处, 保持呼吸舒适体位。 \ IF INHALED: Remove person to fresh air and keep comfortable for breathing.

如进入眼睛: 立即用水小心冲洗几分钟。如戴隐形眼镜并可方便地取出, 取出隐形眼镜。继续冲洗。 \ IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

寻求医疗救助。专门治疗。 \ Get medical help. Specific treatment .

如出现呼吸系统病症: 立即就诊。 \ If experiencing respiratory symptoms: Get emergency medical help immediately.

脱掉沾染的衣服, 清洗后方可重新使用。 \ Take off contaminated clothing and wash it before reuse.

收集溢出物。处置内装物/容器按照地方、区域、国家、国际法规。 \ Collect spillage. Dispose of contents/container to in accordance with local/regional/national/ international regulations.

三、组成/成分信息\Composition/information on ingredients

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申报主要组分\Declared main ingredients:		
化学名称\Chemical identity	CAS No.	含量%\Content%
四氯邻苯二甲酸酐\TETRACHLOROPHTHALIC ANHYDRIDE	117-08-8	≥99.0

四、急救措施\First-aid measures

吞咽\ If swallowed: 若患者完全清醒,用水漱口并催吐。勿给失去意识的患者喂食任何东西。咨询医生。 \If the sufferer is conscious, rinse mouth with water and induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.

皮肤接触\ In case of skin contact: 脱去污染的衣着,用大量流动清水冲洗。 \ Wash off with soap and plenty of water. Consult a physician.

眼接触\ In cast of eye contact: 提起眼睑,用流动清水或生理盐水冲洗。就医。 \ Flush eyes with plenty of water. Consult a physician.

吸入\ If inhaled: 迅速脱离现场至空气新鲜处。保持呼吸道通畅。如呼吸困难,给输氧。如呼吸停止,立即进行人工呼吸。就医。 \ Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

五、消防措施\Fire-fighting measures

灭火方法及灭火剂\ Extinguishing method and media: 干砂\Sand

化学品产生的危害\ Specific hazards arising from the chemical: 无资料\No date available

消防人员的特殊防护行为\Special protective equipment and precautions for fire-fighters: 必要时佩戴自给式呼吸器去灭火。 \ Wear self contained breathing apparatus for fire fighting if necessary.

六、意外释放措施\Accidental release measures

个人防护\Personal precautions: 隔离泄漏污染区,限制出入。建议应急处理人员戴防尘面具(全面罩),穿防毒服。不要直接接触泄漏物。 \ Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

环境保护措施\Environmental protection measures: 切勿排入下水系统\ Do not let product enter drains.

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抑制和清理的方法和材料\Methods and materials for containment and cleaning up: 小心扫起, 收集于干燥、洁净、有盖的容器中。收集回收或运至废物处理场所处置。 \ Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wetbrushing and place in container for disposal according to local regulations. Keep in suitable, closed containers for disposal.

七、搬运和储存\Handling and storage

安全操作的防范措施\Precautions for safe handling: 密闭操作, 加强通风。建议操作人员佩戴自吸过滤式防尘口罩。远离火种、热源, 工作场所严禁吸烟。远离易燃、可燃物。避免吸入粉尘。避免与还原剂、酸类、活性金属粉末接触。 \ Keep away from heat. Keep away from sources of ignition. Keep away from combustible material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment.

安全存储的条件\Conditions for safe storage: 密闭保存, 储存于阴凉、通风的库房。远离火种、热源。应与易燃物、还原剂、酸类、活性金属粉末分开存放, 切忌混储。 \ Keep container tightly closed. Keep container in a cool, well-ventilated area. Separate from acids, alkalies, reducing agents and combustibles.

八、接触控制/人身保护\Exposure controls/personal protection

容许浓度\Control parameters: 未制定标准。 \ Not yet established.

工程控制\Appropriate engineering controls: 生产过程密闭, 加强通风。提供安全淋浴和洗眼设备。 \ Use ventilation equipment. Avoid inhaling dust. Avoid contacting with eyes and skin.

眼睛防护\Eye protection: 戴化学安全防护眼镜。 \ Use safety glasses with side-shields.

手部防护\Hand protection: 戴橡胶手套。 \ Use butyl rubber gloves.

身体防护\Body protection: 穿着阻燃抗静电的防护服。 \ Wear flame retardant antistatic protective clothing.

呼吸防护\Respiratory protection: 佩戴自吸过滤式防尘口罩。 \ Use respirator or dustproof mask.

九、物理和化学特性\Physical and chemical properties

物理状态\Physical state: 固态\Solid state

分子式\Molecular formula: $C_8Cl_4O_3$

外观\Appearance: 白色粉末\ White powder

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分子量\Molecular weight: 285.90
pH 值\pH value: 无资料\ No data available
粘度\Viscosity: 无资料\ No data available
相对密度(水=1)\ Relative density (water=1): 无资料\ No data available
熔点\Melting point (°C): 无资料\ No data available
蒸汽密度(空气=1)\ Vapor density (air=1): 无资料\ No data available
沸点\ Boiling point (°C): 无资料\ No data available
引燃温度\ Ignition point (°C): 无资料\ No data available
闪点\ Flash point (°C): 无资料\ No data available
爆炸上限\ Upper explosive limit% (V/V): 无资料\ No data available
爆炸下限\ Lower explosive limit% (V/V): 无资料\ No data available
燃烧热\ Heat Of Combustion (kJ/mol): 无资料\ No data available
蒸汽压\ Vapour pressure (kPa): 无资料\ No data available
临界温度\ Critical temperature (°C): 无资料\ No data available
临界压力\ Critical pressure (MPa): 无资料\ No data available
辛醇/水分配系数\ N-octanol/ water partition coefficient: 无资料\ No data available
溶解性\ Solubility: 无资料\ No data available

十、稳定性和反应性\Stability and reactivity

稳定性\Stability: 稳定\ Stable.

禁配物\Incompatible mterials: 无资料\ No data available

避免接触条件\ Conditions to avoid: 无资料\ No data available

聚合危害\Polymerization hazards: 无资料\ No data available

危险分解产物\ Hazardous decomposition products: 无资料\ No data available

十一、毒理学信息\Toxicological information

急性毒性\ Acute toxicity: 无资料\ No data available

亚急性和慢性毒性\ Subacute and chronic toxicity : 无资料\ No data available

刺激性\Irritation: 无资料\ No data available

致敏性\Sensitization: 无资料\ No data available

致突变性\ Mutagenicity: 无资料\ No data available

致畸性\Teratogenicity: 无资料\ No data available

致癌性\Carcinogenicity: 无资料\ No data available

十二、生态学信息\Ecological information

生态毒性\Ecotoxicity: 无资料\ No data available

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持久性和降解性\Persistence and degradability: 无资料\ No data available
潜在的生物累积性\Bioaccumulative potential: 无资料\ No data available
土壤中的迁移性\Mobility in soil: 无资料\No data available
其它有害作用\Other adverse effects: 无资料\ No data available

十三、处置考虑\Disposal considerations

遵守当地有关环境保护法规。有关从事处置、再循环或回收活动人员的安全, 请参阅 SDS 第八节(接触控制和人身保护)。 \ Comply with local environmental protection laws and regulations. For safety of personnel engaged in the disposal, recycling or recycling activities, please refer to the SDS eighth section (contact control and personal protection)

十四、运输信息\Transport information

联合国危险货物编号(UN 号)\UN number: 3077
联合国运输名称\UN proper shipping name: 对环境有害的固态物质, 未另作规定的
\ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N. O. S.
联合国危险性分类\Transport hazard class(es): 9
危险性标签\Risk labels: 杂项危险物质和物品\MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES



海洋污染物(是/否)\ Marine pollutant(Yes/No): 否\No

包装类别\Packing group: III

运输或运输工具有关的特殊防范措施\Special precautions in connection with transport or conveyance: 起运时 包装要完整, 装载应稳妥。运输过程中要确保容器不泄漏、不倒塌、不坠落、不损坏。严禁与强氧化剂混装混运。运输途中应防曝晒、雨淋, 防高温。运输车船必须彻底清洗、消毒, 否则不得装运其它物品。 \When transport starts, packaging should be complete and loading should be safe. During transport, ensure that the container does not leak, break down, fall or shatter. Do not pack or transport it with strong oxidants. During transport, do not expose it to sunlight, rain or high temperature. Tanks or vessels used in the transport must not be used to carry other substances, unless they have been thoroughly cleaned and disinfected.

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十五、管理信息\Regulatory information

《危险化学品安全管理条例》(国务院令 第 591 号), 2011 年 12 月 1 日起实施; 安全生产许可证条例(2004 年 1 月 7 日国务院第 34 次常务会议通过); 中华人民共和国安全生产法(2002 年 6 月 29 日第九届全国人大常委会第二十八次会议通过); 中华人民共和国职业病防治法(2001 年 10 月 27 日第九届全国人大常委会第二十四次会议通过); 中华人民共和国环境保护法(1989 年 12 月 26 日第七届全国人大常委会第十一次会议通过); 《危险货物运输管理规则》(铁道部 1995 年颁布); GBZ 2.1-2007 工作场所所有害因素职业接触限值化学有害因素; 联合国《关于危险货物运输的建议书·规章范本》; 联合国《全球化学品统一分类和标签制度》; GB/T 16483-2008 化学品安全技术说明书 内容和项目顺序; 《危险化学品名录(2015 版)》。 \Regulations on the Control over Safety of Dangerous Chemicals (Decree No. 591 of the State Council of the People's Republic of China), taking effect from December 1 of 2011 on; The Regulation on Work Safety Licenses (adopted at the 34th executive meeting of the State Council on January 7, 2004; Law of the People's Republic of China on Work Safety (adopted at the 28th Meeting of the Standing Committee of the Ninth National People's Congress on June 29, 2002); The Code of Occupational Disease Prevention of PRC (adopted in the 24th Meeting of the Standing Committee of the Ninth People's Congress on October 27, 2001); Environmental Protection Law of the People's Republic of China (adopted at the 11th Meeting of the Standing Committee of the Seventh National People's Congress on December 26, 1989); Rules of Dangerous Good Transport Management (issued in 1995 by Ministry of Railways of PRC); GBZ 2.1-2007 Occupational exposure limits for hazardous agents in the workplace Part 1: Chemical hazardous agents; Recommendations on the Transport of Dangerous Goods -Model Regulations; Globally Harmonized System of Classification and Labeling of Chemicals (GHS); GB/T 16483-2008 Safety data sheet for chemical products- Content and order of sections; Inventory of Dangerous Chemical Substances (2015 version).

十六、其它信息\Other information

参考文献\References: 联合国《关于危险货物运输的建议书·规章范本》\ Recommendations on the Transport of Dangerous Goods -Model Regulations

联合国《全球化学品统一分类和标签制度》\ Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

国际化学品安全卡(中文版)\ International Programme on Chemical Safety (Chinese Version)

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- 说明:
- 1)当产品为含有两种以上危险物质的混合物时,应依据其混合后的危险性,制作安全数据单;
When the product is mixture of two or more hazardous substances, the safety data sheet should be based on the risk of the mixture;
 - 2)制造商/供应商应根据实际情况确保安全数据单所含信息的正确性,并适时更新;
The manufacturer / supplier should ensure the correctness of the information in the safety data sheet according to the actual situation and timely update the information.
 - 3)用户在使用本安全数据单时,应充分考虑化学品在具体使用条件下的风险结果,采取必要的预防措施。
When using this safety data sheet, users should give full consideration to the risk of chemicals under the specific conditions of use, and take necessary precautions.

报告拟定人\Report writer: 张颖

复核人\Reviewer: 孙悦

授权签字人\Authorized Officer:

印章\Seal:



签发日期\Date of Issue: 2022年10月31日 有效期至\Effective to: 2023年10月30日

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