

化学品安全技术说明书

聚醚多元醇

按照 GB/T 16483、GB/T 17519 编制

SDS 编号: WHPO-GLYPE

最初编制日期: 2025/01/01 修订日期: 2025/01/01 版本: BLV2.00



第 1 部分 化学品及企业标识

产品名称

: 聚醚多元醇

WANOL®C330N	WANOL®E006	WANOL®F3128	WANOL®F3128BL
WANOL®F3128F	WANOL®F3128L	WANOL®F3128Y	WANOL®F3135
WANOL®F3135A	WANOL®F3135C	WANOL®F3135M	WANOL®F3140B
WANOL®F3147	WANOL®F3147D	WANOL®F3147H	WANOL®F3156
WANOL®F3156A	WANOL®F3156D	WANOL®F3156K	WANOL®F3160
WANOL®F3160L	WANOL®F5132	WANOL®F5800	WANOL®PP-105
WANOL®XP-001	WANOL®XP-002	WANOL®XP-003	WANOL®XP-288

产品别名/俗名

甘油聚氧化丙烯氧化乙烯多元醇

化学品中文名称

: 聚醚多元醇

化学品别名

甘油基聚氧丙烯聚氧乙烯多元醇

丙三醇嵌段聚醚

聚氧乙基聚氧丙基甘油醚

甘油聚氧乙烯聚氧丙烯醚

聚氧化丙烯聚氧化乙烯甘油醚

丙三醇丙氧基化物-BLOCK-乙氧基化物

甲基环氧乙烷与环氧乙烷和 1,2,3-丙三醇的聚合物

化学品英文名称

: POLYETHER POLYOL

CAS 编号

: 9082-00-2

企业名称

: 万华化学集团股份有限公司

生产商企业名称

: 万华化学集团股份有限公司

地址

: 山东省烟台市经济技术开发区重庆大街 59 号

邮政编码

: 264006

传真

: 0535-3031150

电话号码

: 0535-8203123 | 4009600309

电子邮件地址

: polyol@whchem.com

应急咨询电话

: +86 532-83889090 (中国化学品应急中心)

+86 535-8203123 (万华化学品应急中心)

化学品的推荐用途

: 聚氨酯材料、PU 泡沫原料之一

化学品的限制用途

: 没有更进一步的信息

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第 2 部分 危险性概述

紧急情况概述

不属于危险物质或混合物

GHS 危险性类别

根据全球统一系统（GHS），不属于危险物质或混合物

标签要素

象形图 (GHS CN) : 不适用
信号词 (GHS CN) : 不适用
危险说明 (GHS CN) : 不适用
防范说明 (GHS CN)
预防 : 不适用
响应 : 不适用
储存 : 不适用
处置 : 不适用

物理和化学危险

液体
不燃

健康危害

不适用

环境危害

不适用

其他危害

没有更进一步的信息

第 3 部分 成分/组成信息

产品形态 : 物质

组分	浓度或浓度范围（质量分数，%）	CAS No.
甘油基聚氧丙烯聚氧乙烯多元醇	100	9082-00-2

第 4 部分 急救措施

急救措施的描述

- 一般急救措施 : 如接触到或有疑虑: 求医/就诊
如感觉不适, 呼叫解毒中心或医生
- 吸入急救措施 : 如果吸入烟雾、气溶胶或燃烧产物, 请离开污染区域
通常是不需要采取其他措施
- 皮肤接触急救措施 : 如果发生皮肤接触, 立即脱掉所有被污染的衣服, 包括鞋类
用流水 (如果有肥皂) 冲洗皮肤和头发, 通常是不需要采取其他措施
如发生皮肤刺激或皮疹: 求医/就诊
- 眼睛接触急救措施 : 如果接触到眼睛, 立即分开眼睑, 并持续用流水冲洗眼睛
通过保持眼睑分开并远离眼睛, 并通过偶尔抬起上下眼睑来移动眼睑, 确
保眼睛完全冲洗, 至少 15 分钟, 立即送往医院或医生
眼外伤后摘除隐形眼镜只能由熟练的人员进行
- 食入急救措施 : 漱口
通常不需要急救
如有疑问, 联系毒物信息中心或医生

最重要的症状和健康影响

没有更进一步的信息

对保护施救者的忠告

进入事故现场时, 请佩戴空气携带式呼吸器和其他推荐的 PPE

对医生的特别提示

其他医疗意见或处理方式 : 对症治疗

第 5 部分 消防措施

灭火剂

- 适用灭火剂 : 泡沫、干粉、二氧化碳
大火时可使用水雾
- 不适用灭火剂 : 不得用大容量水柱喷射

特别危险性

- 火灾危险 : 无火灾风险
- 燃烧时可能产生的有毒有害燃烧产物 : 受热分解可放出刺激性和腐蚀性有毒气体 (CO 等) 和蒸气
- 爆炸危险 : 无任何直接爆炸风险

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灭火注意事项及防护措施

- 灭火方法 : 提醒消防队并告诉他们危险的位置和性质
使用适合周围区域的消防程序
从受保护的位置喷水雾冷却暴露在火中的容器
不得用大容量水柱喷射
在上风向使用合适的灭火剂灭火, 请勿接近怀疑很热的容器
如果安全, 请从火场中移除容器
设备使用后应进行彻底净化
在保持安全距离并有防护的地点进行灭火
未有防护装备 (包括呼吸防护装备) 勿进入火场
- 消防人员应穿戴的个体防护装备 : 穿戴工作服、防护鞋、安全帽、防毒口罩或呼吸器和防护手套

第 6 部分 泄漏应急处理

人员防护措施、防护装备和应急处置程序

- 一般措施 : 如能保证安全, 设法堵塞泄露
如果产品进入下水道或公共水域, 请通知当局
吸收溢出物, 以防止材料损坏
- 作业人员防护措施、防护装备和应急处置程序 : 隔离泄漏的污染区域并限制出入
消除所有点火源
建议应急人员穿着工作服、防护鞋、安全帽、防毒口罩和防护手套
请勿触摸或交叉溢出物
尽可能切断泄漏源

非应急人员

- 防护装备 : 穿戴推荐的个人防护装备
- 应急处置程序 : 对泄漏区域进行通风
禁止明火、火花, 禁止吸烟
不要吸入粉尘/烟雾/气体/雾气/蒸气/喷雾
避免接触皮肤及眼睛

应急人员

- 防护装备 : 不得在没有适当防护装备的情况下尝试采取行动
更多信息请参考第 8 部分 “接触控制/个体防护”
- 应急处置程序 : 疏散多余的人员
如能保证安全, 设法堵塞泄露

环境保护措施

- 避免释放到环境中

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通过任何可用的方法防止溢出物进入排水管或水道

用沙子、泥土或蛭石控制溢出物

将可回收产品收集到贴有标签的原包装容器中进行回收

收集固体残留物并密封在贴有标签的桶中进行处理

清洗被污染区域，并防止清洗液进入排水管或水道

如果排水管或水道受到污染，请通知紧急服务部门

泄漏化学品的收容、清除方法及所使用的处置材料

清洁方法

: 如可能，在无危险的情况下阻止泄露

少量泄露时，用沙子、泥土、惰性材料或蛭石盛装和吸收溢出物

用抹布擦干净原包装物表面

用水清洗被污染区域

收容方法

: 如可能，在无危险的情况下阻止泄露

用洁净的铲子收集泄漏物，置于干净、干燥、盖子较松的容器中，将容器移离泄漏区

被污染的沙子、泥土、惰性材料或蛭石及抹布放入合适的、贴有标签的容器中进行废物处理

防止发生次生灾害的预防措施

防止发生次生灾害的预防措施

: 远离着火区域。转移周围的易燃材料

其他信息

: 在授权地点处理材料或固体残留物

第 7 部分 操作处置与储存

操作处置

安全处置注意事项和措施

: 避免所有个人接触，包括吸入

出现接触风险时穿戴防护服

在通风良好的地方使用

避免接触湿气

避免接触不相容的材料

处理时，请勿进食、饮水或吸烟

不使用时，请保持容器安全密封

避免对容器造成物理损坏

处理后务必用肥皂和水洗手

工作服应单独洗涤

重新使用前应清洗受污染的衣物

使用良好的职业工作实践

请遵守本 SDS 中包含的制造商的储存和处理建议

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卫生措施	应根据既定的暴露标准定期检查大气，以确保维持安全的工作条件 不要让沾有材料的衣服与皮肤接触 ： 沾染的衣服清洗后方可重新使用 受沾染的工作服不得带出工作场地 使用本产品时不要进食、饮水或吸烟 接触本产品后务必洗手
局部通风和全面通风	： 通风良好
处理时的额外危害	在正常使用条件下无明显危害
储存	
储存条件	： 储存于阴凉、干燥、通风良好的库房 远离火种、热源 保持容器安全密封 应与异氰酸酯、碱金属、强氧化剂、强酸、强碱分开存放，切忌混储 配备相应品种和数量的消防器材 储区应备有合适的材料收容泄漏物
技术措施	： 储存在阴凉通风处，远离高温
包装/容器材料	： 聚乙烯或聚丙烯容器、铁桶、不锈钢罐 检查所有容器是否贴有清晰的标签，无泄漏
包装材料	始终将产品存放在与原始容器相同材料的容器中

第 8 部分 接触控制和个体防护

职业接触限值

没有更进一步的信息

生物限值

没有更进一步的信息

监测方法

没有更进一步的信息

工程控制

确保工作点通风良好

个体防护装备

- | | |
|--------|------------------|
| 个体防护装备 | ： 穿戴推荐的个人防护装备 |
| 环境接触控制 | ： 避免释放到环境中 |
| 手防护 | ： 防护手套（如 PVC 手套） |
| 眼睛防护 | ： 护目镜 |

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- 呼吸系统防护 : 在正常情况下不需要额外的防护
[当通风不足时]佩戴呼吸防护装置
[在紧急情况下进行救援或疏散时] 佩戴空气呼吸器
- 面部防护 : 在正常情况下不需要额外的防护
[可能出现飞溅时]佩戴防护面屏
- 皮肤和身体防护 : 穿着适当的防护服和防护鞋 (如橡胶材料)
[紧急情况下]使用洗眼器和花洒

个人防护用品符号



第 9 部分 理化特性

- 物理状态 : 液体
- 外观 : 无悬浮物, 无机械杂质的均匀粘稠液体
- 气味 : 轻微醚味
- pH : 5 - 8
- 熔点 : 不适用
- 凝固点 : 无资料
- 沸点 : > 49.5 °C
- 闪点 : > 120 °C
- 自燃温度 : > 220 °C
- 分解温度 : 无资料
- 蒸气压 : 无资料
- 相对蒸气密度(空气以 1 计) : 无资料
- 相对密度 : 0.95 - 1.15
- 密度 : 无资料
- 溶解性 : 部分混溶
- 正辛醇/水分配系数 (Log Pow) : 无资料
- 动力粘度 : 无资料
- 爆炸下限 : 无资料
- 爆炸上限 : 无资料
- 放射性 : 否

第 10 部分 稳定性和反应性

稳定性	: 正常条件下稳定
反应性	: 本产品在使用、储存与运输条件下不具反应性
危险反应	: 正常使用条件下无已知的危险反应
应避免的条件	: 依据建议的储存与操作 (见第 7 章)
禁配物	: 没有更进一步的信息
危险的分解产物	: 在正常储存和使用条件下, 不会产生危害分解物
其他性质	: 没有更进一步的信息

第 11 部分 毒理学信息

急性毒性

急性毒性 (经口)	: 无资料
急性毒性 (经皮)	: 无资料
急性毒性 (吸入)	: 无资料

皮肤腐蚀/刺激

皮肤腐蚀/刺激	: 无资料
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pH	5 - 8
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严重眼损伤/眼刺激

严重眼损伤/眼刺激	: 无资料
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pH	5 - 8
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呼吸道或皮肤致敏

呼吸道或皮肤致敏	: 无资料
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生殖细胞致突变性

生殖细胞致突变性	: 无资料
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致癌性

致癌性	: 无资料
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生殖毒性

生殖毒性	: 无资料
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特异性靶器官系统毒性 一次接触

特异性靶器官系统毒性 一次接触 : 无资料

特异性靶器官系统毒性 反复接触

特异性靶器官系统毒性 反复接触 : 无资料

吸入危害

吸入危害 : 无资料

第 12 部分 生态学信息

生态毒性

生态学 - 一般 : 该产品不被认为对水生生物有害, 也不会对环境造成长期不利影响
危害水生环境, 短期 (急性) : 无资料
危害水生环境, 长期 (慢性) : 无资料

持久性和降解性

聚醚多元醇	
持久性和降解性	不可快速降解
甘油基聚氧丙烯聚氧乙烯多元醇 (9082-00-2)	
持久性和降解性	不可快速降解

潜在的生物累积性

没有更进一步的信息

土壤中的迁移性

没有更进一步的信息

其他环境有害作用

分级程序 (臭氧) : 无资料

第 13 部分 废弃处置

废弃化学品 : 依据合格的处理厂的分说明处置内容物及容器
被污染的容器和包装 : 依照法律规定处置
其他信息 : 再利用可用于包装先前包装的化学品
产品/包装物处置建议 : 遵守现行固体废弃物废弃处置法规

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依照法律规定处置
污水处置建议 : 依照法律规定处置
地区废弃物法规 : 依照法律规定处置

第 14 部分 运输信息

根据 ADR/JT/T 617、RID、AND、IMDG、ICAO/IATA

道路运输 (ADR/JT/T 617)	铁路运输 (RID)	内河运输 (AND)	海运 (IMDG)	航空运输 (ICAO/IATA)
不受限制	不受限制	不受限制	不受限制	不受限制
联合国危险货物编号 (UN 号)				
不适用	不适用	不适用	不适用	不适用
正式运输名称				
不适用	不适用	不适用	不适用	不适用
运输单据说明				
不适用	不适用	不适用	不适用	不适用
运输危险性分类				
不适用	不适用	不适用	不适用	不适用
包装类别				
不适用	不适用	不适用	不适用	不适用
环境危害				
不适用	不适用	不适用	不适用	不适用
无补充信息				

海洋污染物: 不是海洋污染物

运输注意事项

运输前, 应检查包装容器是否完整、密封
在运输过程中, 确保容器不泄漏、不倒塌、不掉落或损坏
严禁与酸类、氧化剂、食品及食品添加剂混运
运输时运输车辆应配备相应品种和数量的消防器材及泄漏应急处理设备
运输途中应防曝晒、雨淋, 防高温
公路运输时要按规定路线行驶, 勿在居民区和人口稠密区停留

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第 15 部分 法规信息

新化学物质环境管理登记办法（生态环境部 2020 第 12 号令）

中国现有化学物质名录 (IECSC) : 列入

危险化学品安全管理条例（国务院令第 591 号）

危险化学品目录（2015 版） : 不含有列入物质

危险化学品重大危险源辨识(GB 18218) : 不含有列入物质

中国严格限制的有毒化学品名录 : 不含有列入物质

易制爆危险化学品名录 : 不含有列入物质

内河禁运危险化学品目录 : 不含有列入物质

中华人民共和国职业病防治法

职业病危害因素分类目录 : 不含有列入物质

高毒物品目录 : 不含有列入物质

中华人民共和国监控化学品管理条例

各类监控化学品名录 : 不含有列入物质

水污染防治行动计划

优先控制化学品名录 : 不含有列入物质

易制毒化学品管理条例（国务院令第 445 号）

易制毒化学品的分类和品种目录 : 不含有列入物质

药品类易制毒化学品品种目录 : 不含有列入物质

电器电子产品有害物质限制使用管理办法

电器电子产品有害物质 : 不含有列入物质

消耗臭氧层物质管理条例（国务院令第 573 号）

中国受控消耗臭氧层物质清单 : 不含有列入物质

其他国内法规名录或清单

GB12268-2012 危险货物品名表 : 不含有列入物质

有关化学品及相关设备和技术出口管制清单 : 不含有列入物质

禁止出口或禁止进口商品名录 : 不含有列入物质

重点监管的危险化学品名录 : 不含有列入物质

澳大利亚 - AHC : 列入

加拿大 - DSL/ NDSL : 列入

欧洲 - EINEC / ELINCS / NLP : 列入

日本 - ENCS : 列入

韩国 - KECI : 列入

新西兰 - NZIoC : 列入

化学品安全技术说明书

聚醚多元醇

按照 GB/T 16483、GB/T 17519 编制

SDS 编号: WHPO•GLYPE 修订日期: 2025/01/01



菲律宾 - PICCS : 列入
美国 - TSCA : 列入
中国台湾 - TCSI : 列入
墨西哥 - INSQ : 列入
越南 - NCI : 列入
俄罗斯 - FBEPH : 列入

第 16 部分 其他信息

修订日期: 2025/01/01

修订记录:			
版本号	编号	修改说明	发布日期
BLV2.00	WHPO•GLYPE	SDS 系统调整为 ExESS	2025/01/01

化学品安全说明书 (SDS), 中国_万华

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Safety Data Sheet

POLYETHER POLYOL

according to GB/T 16483 and GB/T 17519
SDS Reference Number: WHPO•GLYPE
Issue date: 01/01/2025 Revision date: 01/01/2025 Version: BLV2.00



SECTION 1 Chemical product and company identification

Chemical English name : POLYETHER POLYOL

WANOL C330N	WANOL E006	WANOL F3128	WANOL F3128BL
WANOL F3128F	WANOL F3128L	WANOL F3128Y	WANOL F3135
WANOL F3135A	WANOL F3135C	WANOL F3135M	WANOL F3140B
WANOL F3147	WANOL F3147D	WANOL F3147H	WANOL F3156
WANOL F3156A	WANOL F3156D	WANOL F3156K	WANOL F3160
WANOL F3160L	WANOL F5132	WANOL F5800	WANOL PP-105
WANOL XP-001	WANOL XP-002	WANOL XP-003	WANOL XP-288

Synonyms: : Glycerol propoxy ethoxy
Glycerol ethoxylated propoxylated
glycerine, propoxylated ethoxylated
glycerol propoxylate-block-ethoxylate
Glycerolpoly(oxyethylene,oxypropylene)ether
GLYCEROL PROPOXYLATE-B-ETHOXYLATE

CAS NO. : 9082-00-2

Name of company : WANHUA CHEMICAL GROUP CO., LTD.

Manufacturer Name:	WANHUA CHEMICAL GROUP CO., LTD.
Address	: No.59 Chongqing Street, Yantai Economic Development Zone, Shandong province, China
Zip code	: 264006
Fax	: 0535-3031150
Tel.	: 0535-8203123 ; 4009600309
Email	polyol@whchem.com

Emergency number : +86 532-83889090(Emergency Center of China)
+86 535-8203123(WANHUA Emergency Center)
+31 20 20 65132/65130 ; +44 780 183 7343(European Emergency Centre for Chemicals Management)
800-424-9300 ; +1-703-527-3887 (Emergency Response Center for Chemical Transportation in North America)

Recommended use of the chemical : Component of a Polyurethane System

Restricted use of the chemical : No additional information available

SECTION 2 Hazards identification

Emergency overview

Not a hazardous substances or mixtures

GHS hazard classification

Not classified as hazardous substances or mixtures according to the Globally Harmonized System (GHS)

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Label elements

Hazard pictograms (GHS CN) : Not Applicable
Signal word (GHS CN) : Not Applicable
Hazard statements (GHS CN) : Not Applicable
Precautionary statements (GHS CN)
Prevention : Not Applicable
Response : Not Applicable
Storage : Not Applicable
Disposal : Not Applicable

Physical and chemical hazards

Liquid
Non-flammable

Health hazards

Not Applicable

Environmental hazards

Not Applicable

Other hazards

No additional information available

SECTION 3 Composition/information on ingredients

Product form : Substance

Ingredient(s)	Concentration or concentration ranges (w/w %)	CAS No.
Glycerol ethoxylated propoxylated	100	9082-00-2

SECTION 4 First-aid measures

Description of necessary first-aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention
Call a poison center or a doctor if you feel unwell
First-aid measures after inhalation : If fumes, aerosols or combustion products are inhaled remove from contaminated area
Other measures are usually unnecessary
First-aid measures after skin contact : If skin contact occurs: Immediately remove all contaminated clothing, including footwear
Flush skin and hair with running water (and soap if available)
Other measures are usually unnecessary
Seek medical attention in event of irritation

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- First-aid measures after eye contact : If this product comes in contact with the eyes:Immediately hold eyelids apart and flush the eye continuously with running water
Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids
Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes
Transport to hospital or doctor without delay
Removal of contact lenses after an eye injury should only be undertaken by skilled personnel
- First-aid measures after ingestion : Rinse mouth
First aid is not generally required
If in doubt, contact a Poisons Information Centre or a doctor

Most important symptoms/effects

No additional information available

Advices for first aid responders

When entering the accident site, you should wear an air-carrying respirator and other recommended PPE equipment

Notes for the doctor

Other medical advice or treatment : Treat symptomatically

SECTION 5 Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Foam, Dry powder, Carbon dioxide
Water spray can be used in a raging fire

Unsuitable extinguishing media : Do not use large volume water jet

Specific hazards

Fire hazard : No fire hazard

Hazardous decomposition products in case of fire : Thermal decomposition may result in the release of irritating and corrosive toxic gases(CO,etc.) and vapors

Explosion hazard : No direct explosion hazard

Advice for firefighters and protective measures

Firefighting instructions : Alert the fire brigade and inform them of the location and nature of the danger
Use firefighting procedures appropriate to the surrounding area
Spray spray mist from a protected location to cool containers exposed to fire
Do not use large volume water jet
Use a suitable extinguishing agent upwind to extinguish the fire
Do not approach containers that are suspected to be hot
If safe, remove the container from the fire
The equipment should be thoroughly cleaned after use
Fight fire from safe distance and protected location
Do not enter fire area without proper protective equipment, including respiratory protection

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Protection during firefighting : Wear work clothes, protective shoes, helmet, respirator or breathing apparatus and protective gloves

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so
Notify authorities if product enters sewers or public waters Absorb spillage to prevent material damage

Personal Precautions, Protective Equipment and Emergency Procedures : Isolate the contaminated area of leakage and restrict access. Eliminate all ignition sources. It is recommended that emergency personnel wear work clothes, protective shoes, helmet, respirator and protective gloves. Do not touch or cross spills. Cut off the source of leakage as much as possible

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment

Emergency procedures : Ventilate spillage area
No open flames, no sparks, and no smoking
Do not breathe dust/fume/gas/mist/vapours/spray
Avoid contact with skin and eyes

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment For further information refer to section 8: "Exposure controls/personal protection"

Emergency procedures : Evacuate unnecessary personnel
Stop leak if safe to do so

Environmental precautions

Avoid release to the environment
Prevent, by any means available, spillage from entering drains or water course
Contain spill with sand, earth or vermiculite
Collect recoverable product into labelled containers for recycling
Collect solid residues and seal in labelled drums for disposal
Wash area and prevent runoff into drains
If contamination of drains or waterways occurs, advise emergency services

Methods and material for containment and cleaning up

Methods for cleaning : Stop leak without risks if possible
When a small amount of leakage occurs, use sand, soil, inert materials or vermiculite to contain and absorb the spill
Wipe the surface of the original packaging with a rag
Wash the contaminated area with water

For containment : Stop leak without risks if possible
Collect the spill with a clean shovel, place it in a clean, dry container with a loose lid, and move the container away from the spill area

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Contaminated sand, soil, inert materials or vermiculite and rags are placed in suitable, labeled containers for waste disposal

Prevention measures for secondary accidents

- Prevention Measures for Secondary Accidents : Stay away from active fire areas. Transfer surrounding flammable materials
- Other information : Dispose of materials or solid residues at an authorized site

SECTION 7 Handling and storage

Handling

- Precautions for safe handling : Avoid all personal contact, including inhalation
Wear protective clothing when risk of exposure occurs
Use in a well-ventilated area
Avoid contact with moisture
Avoid contact with incompatible materials
When handling, DO NOT eat, drink or smoke
Keep containers securely sealed when not in use
Avoid physical damage to containers
Always wash hands with soap and water after handling
Work clothes should be laundered separately
Launder contaminated clothing before re-use
Use good occupational work practice
Observe manufacturer's storage and handling recommendations contained within this SDS
Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained
- Hygiene measures : DO NOT allow clothing wet with material to stay in contact with skin
Wash contaminated clothing before reuse
Contaminated work clothing should not be allowed out of the workplace
Do not eat, drink or smoke when using this product
Always wash hands after handling the product
- Local and general ventilation : well-ventilated
- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use

Storage

- Storage conditions : Store in a cool, dry, well-ventilated warehouse
Keep away from fire and heat
Keep containers securely sealed
It should be stored separately from isocyanates, alkali metals, strong oxidants, strong acids and alkali, and should not be mixed
Equipped with the corresponding variety and quantity of fire equipment

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Technical measures	: Storage areas should be equipped with suitable materials to contain leaks : Keep in a cool, well-ventilated place away from heat
Material used in packaging/containers	: Polyethylene or polypropylene containers, iron drums, Stainless steel tank : Check all containers are clearly labeled and free of leaks
Packaging materials	: Store always product in container of same material as original container

SECTION 8 Exposure controls / Personal protection equipment

Occupational exposure limits

No additional information available

Biological limit values

No additional information available

Monitoring methods

No additional information available

Appropriate engineering controls

Ensure good ventilation of the work station

Personal protective equipment

Personal protective equipment	: Wear recommended personal protective equipment
Environmental exposure controls	: Avoid release to the environment
Hand protection	: Protective gloves (such as PVC gloves)
Eye protection	: Safety glasses
Respiratory protection	: No additional protection is required under normal conditions [When inadequate ventilation] wear respiratory protection [When rescuing or evacuating in an emergency]wear air respirator as clothing
Face protection	: No additional protection is required under normal conditions [Possible splashing situation] wear protective masks
Skin and body protection	: Wear suitable protective clothing and safety shoes or boots (such as rubber material) [When in emergency]Eyewash unit and Shower

Personal protective equipment symbol(s)



SECTION 9 Physical and chemical properties

Physical state	: Liquid
Appearance	: No suspended matter, no mechanical impurities uniform viscous liquid
Odour	: Slight
pH	: 5 – 8

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Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: > 49.5 °C
Flash point	: > 120 °C
Auto-ignition temperature	: > 220 °C
Decomposition temperature	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.95 – 1.15
Density	: No data available
Solubility	: Partly miscible
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, dynamic	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Radioactive	: No

SECTION 10 Stability and reactivity

Chemical stability	: Stable under normal conditions
Reactivity	: The product is non-reactive under normal conditions of use, storage and transport
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use
Conditions to avoid	: None under recommended storage and handling conditions (see section 7)
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced
Other properties	: No additional information available

SECTION 11 Toxicological information

Acute toxicity	
Acute toxicity (oral)	: No data available
Acute toxicity (dermal)	: No data available
Acute toxicity (inhalation)	: No data available
Skin corrosion/irritation	
Skin corrosion/irritation	: No data available

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pH	5 – 8

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Serious eye damage/eye irritation

Serious eye damage/eye irritation : No data available

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pH	5 – 8

Respiratory or skin sensitisation

Respiratory or skin sensitisation : No data available

Germ cell mutagenicity

Germ cell mutagenicity : No data available

Carcinogenicity

Carcinogenicity : No data available

Reproductive toxicity

Reproductive toxicity : No data available

STOT - single exposure

STOT - single exposure : No data available

STOT - repeated exposure

STOT - repeated exposure : No data available

Aspiration hazard

Aspiration hazard : No data available

SECTION 12 Ecological information

Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment

Hazardous to the aquatic environment, short-term (acute) : No data available

Hazardous to the aquatic environment, long-term (chronic) : No data available

No additional information available

Persistence and degradability

POLYETHER POLYOL	
Persistence and degradability	Not rapidly degradable
Glycerol ethoxylated propoxylated (9082-00-2)	
Persistence and degradability	Not rapidly degradable

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Bioaccumulative potential

No additional information available

Mobility in soil

No additional information available

Other adverse effects

Classification procedure (Ozone) : No data available

SECTION 13 Disposal considerations

- Waste treatment methods** : Dispose of contents/container in accordance with licensed collector's sorting instructions
- Contaminated container and packaging** : Disposal must be done according to official regulations
- Additional information** : Reuse can be used to contain previously packaged chemicals
- Product/Packaging disposal recommendations** : Comply with applicable regulations for solid waste disposal
Disposal must be done according to official regulations
- Sewage disposal recommendations** : Disposal must be done according to official regulations
- Regional waste regulation** : Disposal must be done according to official regulations

SECTION 14 Transport information

In accordance with ADR / JT/T 617 / RID / IMDG / ICAO / IATA

Overland transport (ADR/JT/T 617)	Railway transport (RID)	Sea transport (IMDG)	Air transport (ICAO.IATA)
NOT SUBJECT	NOT SUBJECT	NOT SUBJECT	NOT SUBJECT
UN number			
Not applicable	Not applicable	Not applicable	Not applicable
Proper shipping name			
Not applicable	Not applicable	Not applicable	Not applicable
Transport document description			
Not applicable	Not applicable	Not applicable	Not applicable
Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
Environmental hazards			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

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Marine pollutant: Not Marine pollutants

Special transport precautions

Before transportation, check whether the packaging container is complete and sealed, and ensure that the container does not leak, collapse, fall, or damage during transportation

It is strictly prohibited to mix with acids, oxidants, food and food additives

Transport vehicles should be equipped with the appropriate variety and quantity of fire equipment and leakage emergency treatment equipment

During transportation, it should be protected from sunlight, rain and high temperature

Road transport should follow the prescribed route, do not stay in residential areas and densely populated areas

SECTION 15 Regulatory information

New Chemical Substance Environmental Management Registration Measures (MEE Order 12 of 2020)

Inventory of Existing Chemical Substances in China (IECSC) : Listed

Regulations on the Safe Management of Hazardous Chemicals (Decree 591 of the State Council)

Catalogue of Hazardous Chemicals (2015) : Does not contain listed substance(s)

Identification of major hazard installations for dangerous chemicals (GB 18218) : Does not contain listed substance(s)

Catalogue of Severely Restricted Toxic Chemicals : Does not contain listed substance(s)

Catalogue of Explosive Precursor Dangerous Chemicals : Does not contain listed substance(s)

Catalogue of Hazardous Chemicals Prohibited from Inland Waterway Transport : Does not contain listed substance(s)

Law of the People's Republic of China on the Prevention and Control of Occupational Diseases

Catalogue for Classification of Hazardous Factors of Occupational Diseases : Does not contain listed substance(s)

List of Highly Toxic Substances : Does not contain listed substance(s)

Regulations on Administration of Chemicals Subjected to Supervision and Control

Catalogue of Controlled Chemicals : Does not contain listed substance(s)

Action Plan for Prevention and Control of Water Pollution

Catalogue of Prior Controlled Chemicals : Does not contain listed substance(s)

Regulation on the Administration of Precursor Chemicals (Decree 445 of the State Council)

Catalogue of Precursor Chemicals : Does not contain listed substance(s)

Catalogue of Pharmaceutical Precursor Chemicals : Does not contain listed substance(s)

Measures for the Administration on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Hazardous Substances in Electrical and Electronic Products : Does not contain listed substance(s)

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Regulations on Administration of Ozone Depleting Substances (Decree 573 of the State Council)

List of Ozone-Depleting Substances under Control in China : Does not contain listed substance(s)

Other domestic regulatory lists

Dangerous Goods List (GB 12268-2012) : Does not contain listed substance(s)

List of Export Control of Chemical Agents and Related Equipment and Technologies : Does not contain listed substance(s)

List of Goods Prohibited from Export or Import : Does not contain listed substance(s)

Inventory of Hazardous Chemicals under Key Supervision : Does not contain listed substance(s)

Australia - AHC : Listed

Canada – DSL/ NDSL : Listed

Europe - EINEC / ELINCS / NLP : Listed

Japan – ENCS : Listed

Korea - KECI : Listed

New Zealand - NZIoC : Listed

Philippines - PICCS : Listed

USA - TSCA : Listed

China Taiwan - TCSI : Listed

Mexico - INSQ : Listed

Vietnam - NCI : Listed

Russia - FBEPH : Listed

SECTION 16 Other information

Revision Date:01/01/2025

Revision History:			
Version	NO.	MODIFY DESCRIPTION	Date
BLV2.00	WHPO•GLYPE	SDS system is adjusted to ExESS	01/01/2025

Safety Data Sheet (SDS), China_WANHUA

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