

Material Safety Data Sheet(材料安全资料表)

Issued date: 03/31/2014

1. PRODUCT AND COMPANY IDENTIFICATION (产品及企业识别)

Supplier (供应商)

DCT KOREA CO. LTD.
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Identification(识别)

Trade name: **CosJEL DVD**
INCI name: Glycerin and Glyceryl Acrylate/acrylic acid copolymer and
Propylene glycol(甘油&甘油丙烯酸/丙烯酸共聚物)
EINECS No: 200-289-5/ 201-177-9/ 200-338-0
CAS No: 56-81-5/ 9003-01-4/57-55-6

2. HAZARDS IDENTIFICATION(危险性识别)

GHS Classification(化学品分类及标记全球协调制度)

Skin sensation (皮肤感官)

GHS label(危险性标签)

Pictogram Symbol(图标符号)



Signal Word(信号词)

Warning(警告)

Hazard statements(危险性说明)

H317 May cause an allergic skin reaction
(可能导致过敏性皮肤有反应)

Precautionary statements(预防措施)

P261 Preservation(保存)

Avoid breathing dust/fume/gas/mist/vapors(避免吸入粉尘/烟/气体/烟雾/蒸汽)

P363 Response(反应)

Wash contaminated clothing before reuse(将污染的衣物清洗才可以重新使用)

P501 Disposal(处理)

Dispose of contents/container in accordance with national regulation(按照国家规定处理内容物/容器)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component(成分)

CAS No

Concentration(% w/w) (含量)

Glycerin甘油	56-81-5	39 – 45
Water水	7732-18-5	50 – 60
Glyceryl Acrylate/acrylic acid copolymer (甘油丙烯酸/丙烯酸共聚物)	9003-01-4	1 – 3
Propylene glycol (丙二醇)	57-55-6	1 – 2
Methyl Paraben羟苯甲酯	99-76-3	0.09 – 0.13
Propyl Paraben羟苯丙酯	94-13-3	0.02 – 0.04

4. FIRST AID MEASURES(急救措施)

Inhalation(吸入)

Move to fresh air. Give artificial respiration if breathing has stopped. If symptoms persist, call a physician.(转移至空气新鲜处。如呼吸停止，立即进行人工呼吸。如果症状持续，请就医。)

Skin contact皮肤 Wash skin with soap and water(用肥皂和水清洗皮肤。)

Eye contact眼睛 Rinse immediately with plenty of water for at least 15 minutes. Immediate medical attention is required (立即用大量的水冲洗至少15分钟，并立即就医。)

Ingestion食入

Drink 1 or 2 glasses of water. IMMEDIATELY see a physician. Never give anything by mouth to an unconscious person.(喝1~2杯水，立即就医，不能让口里有任何东西。)

Notes to physician对医生的提示

It may not be advisable to induce vomiting. Possible mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock and convulsions may be necessary.(应对方法最好不是催吐。洗胃会给胃粘膜造成损伤。对循环性休克和抽搐的措施可能是必要的。)

5. FIRE-FIGHTING MEASURES(消防措施)

Flash point(闪点) > 100°C

Auto-ignition temperature(自燃温度) No data(没有数据)

Lower explosion limit(爆炸下限) Not applicable(不适用)

Upper explosion limit(爆炸上限) Not applicable(不适用)

Suitable extinguishing media(适合的灭火介质)Regular foam, carbon dioxide, water fog or spray(普通泡沫，二氧化碳，水雾或者喷雾)

Specific hazards during fire fighting(灭火时特殊危险性)

Combustion generates toxic fumes of the followings(燃烧会产生一下有毒烟雾:)

Hydrogen chloride, Nitrogen oxides (NOx)(氯化氢，氮氧化物)

Fire Fighting Instructions (消防说明)

Water or foam may cause frothing which can be violent and possibly endanger the life of the fire fighter. Water may be used to keep fire-exposed containers cool until fire is out. Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS. (水或泡沫可能会导致起泡，它可能会猛烈的伤害到消防员。水可以用于扑灭暴露在火中的容器冷却直到火被扑灭。操作需要耐化学性个人防护装备和一个完整的面罩，佩戴自给式呼吸器，请参阅本MSDS的个人防护装备部分。)

6. ACCIDENTAL RELEASE MEASURES(泄露应急处理)

Personal precautions(个人防护注意事项):No danger almost exists as adding agent of detergents.

Wash off in clean water. (几乎没有危险存在，只用水清洗。)

Environmental precautions(环境注意事项) :Do not flush into public water course.(不能冲入排水系统)

Methods for cleaning up(清洗方法)

Collect as much as possible in a clean container for (preferable) reuse or disposal.

(尽可能收集在一个干净的容器里面，再利用或者处置。)

7. HANDLING AND STORAGE(操作处置与储存)

Storage condition(储存注意事项):Normal temperature and normal pressure (正常温度和正常气压。)

Keep container closed when not in use. Empty container contains residual product which

may exhibit hazards of product. Avoid prolonged exposure to heat and air.(保持容器密闭在不适用。空容器含有残留产品可能会造成危险，避免长时间暴露在热和空气中。)

Handling(操作注意事项):Wash off in water after treatment. (处理后用水清洗。)

Since emptied containers retain product residues, all hazard precautions given in the data

sheet must be observed. (由于倒空容器中保留有产品残余物的数据，所以危险的预防措施必须得到遵守。)

Incompatibility(配伍禁忌): Strong oxidizer, cationic, salts (强氧化剂，阳离子，盐)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION(控制接触/个人防护)

Exposure Limits(接触限制) :None established by OSHA, ACGIH 未建立OSHA,ACGIH

Ventilation Requirements(通风要求):Local (当地)

Eye protection Requirements (眼睛保护要求):Not required(没有要求)

Glove Requirements(手套需求):The use of chemically resistant gloves is recommended.(建议使用耐化学腐蚀的手套)

Clothing Requirements(衣服要求):Uniforms, coveralls, or a lab coat should be worn.(制服，工作服，实验室外套，应穿上。)

Change/Removal of Clothing (更换/删除服装):Remove contaminated clothing and launder before reuse.
(脱去被污染的衣物，清洗后方可重新使用。)

Wash Requirements(清洗要求):Wash exposed areas with soap and water.(用肥皂和水清洗暴露区域。)

Respirator Requirements(呼吸器要求):None required under normal handling conditions. Use NIOSH approved dust mask if dust levels are irritating.(在正常的操作条件下，没有要求。如果灰尘属刺激性，使用NIOSH认可的防尘口罩。)

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (外观)	Colorless clear gel (无色透明凝胶)
Odor (气味)	Mild, characteristic (轻微特征气味)
Boiling Point (沸点)	Not applicable(不适用)
Melting Point (熔点)	Not applicable(不适用)
Flash point (闪电)	> 100°C
Vapor Pressure(蒸汽压)	Negligible(可忽略)

Specific Vapor density(特性蒸汽密度)	Not applicable(不适用)
Evaporation Rate(蒸发率)	Not applicable (不适用)
Specific gravity (比重)	1.0 – 1.2 g/mL
Solubility in Water (水中溶解性)	Complete soluble in water完全溶于水
pH	5.0 – 6.0
Viscosity (粘度)	800,000 ~ 1,200,000

10. STABILITY AND REACTIVITY (稳定性和反应性)

Stability(稳定性): Stable under normal temperature and pressure.(在正常的温度和压力下是稳定的)

Conditions to avoid(避免接触的条件): Extreme temperature(极端的温度)

Incompatibility with other materials(与其他材料的不相容):

Avoid strong acids and oxidizing agents.(避免适用强酸和氧化剂)

Thermal Decomposition(热分解): Decomposition products depend upon temperature, air supply and the presence of other materials. (分解产物取决于温度, 空气供应和存在的其它材料。)

Hazardous decomposition products(危险的分解产物): Carbon oxides and hydrocarbon intermediates (碳氧化物和烃类中间体。)

11. TOXICOLOGICAL INFORMATION(毒理学资料)

Effect of overexposure(曝光过度的影响): Unknown(未知)

Acute toxicity(急性毒性): LD50 (oral rat大鼠口服) > 5gm/kg

LD50 (dermal皮肤的) No data found for product(没有找到产品数据)

Irritation (刺激) Skin - Not irritating(皮肤-没有)

Eye - Mildly irritating(眼睛-轻度刺激性)

Route of Entry(进入途径): Eye contact, Skin contact, Inhalation, Ingestion(眼睛接触, 皮肤接触, 吸入, 食入)

Not mutagenicity(不致突变性)

No sensitizer(无增敏剂)

12. ECOLOGICAL INFORMATION(生态学资料)

Degradation(降解) No data没有数据

Aquatic toxicity(对水生生物的毒性) No data没有数据

13. DISPOSAL CONSIDERATIONS(废弃处置)

For waste disposal purposes, this product is not known to be defined or designated as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40CFR261). Incinerate or landfill waste in a properly permitted facility in accordance with federal, state and local regulations. (有关废物



处理的目的是，这个产品没有已知的危险的界定或指定的现行规定，联邦（EPA）资源保护和回收法（RCRA，40CFR261）。按照联邦，州和地方法规在许可的设施中焚烧或填埋垃圾。）

14. TRANSPORT INFORMATION(运输信息)

UN/NA Number: N/A

Hazard Class: N/A

IMDG Class: N/A

TDG Class: N/A

15. REGULATORY INFORMATION(法规信息)

Labelling according to EC directives(根据EC指令的标签)

Symbol(s) and Danger statement: Warning(符号和危险声明:警告)

R-phases: May cause an allergic skin reaction. (R-阶段: 可能引起皮肤过敏反应)

S phases: Keep container closed tightly when not in use. Empty container contains residual product which may exhibit hazards of product. Avoid prolonged exposure to heat and air.

(S-阶段: 保持容器在不使用时关紧。空容器包含残余产物，这可能表现出的产品的危险。避免长时间暴露在热和空气。)

This product has been classified in accordance with the hazard criteria of the GHS and the MSDS contains all the information required by GHS. (该产品已被分类依照危害标准的GHS和的MSDS包含所有的GHS所需的资料。)

US only(仅适用于美国)

This product is not a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

(这个产品是不是一个“危险化学品”的定义OSHA危险通讯标准，29 CFR 1910.1200)

U.S. Toxic Substances Control Act:(美国有毒物质控制法)

All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA regulations. (本产品的所有成分为列出的美国有毒物质控制法”(TSCA)库存的化学品或其他符合TSCA法规。)

U.S. CERCLA – SARA(美国CERCLA – SARA)

SARA Title III Section 312 Hazard Category (40 CFR 311/312):

(SARA标题III第312危险类别(40 CFR311/312):)

Not Hazardous(没有危险)

SARA Section 313: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372 : None Known

(SARA第313条: 本品含有有毒化学品的报告要求紧急规划和社区第313从右到知道法1986和40 CFR 372 : 无)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

(该产品根据管制产品条例的危害标准已分类，MSDS包含了管制产品条例所要求的所有信息。)

16. OTHER INFORMATION其他信息

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. (积累了本文的信息被认为是准确的，但不保证不论是原公司或建议收件人的信息是最新的，适用的，适合自己的情况，需要提前确认。)