商品名：Product name:

EDM 液体 EDM AA EDM A EDM B

EDM, EDM, EDM, EDM, A EDM B

产品代码： 530657 530658 530659

Product code: 530657 530658 530659

供应商：高盛 SKALN 石油公司（韩国）

Suppliers: Goldman sachs SKALN oil company (South Korea)

高盛江南大厦 679，台盛 Yoksam 栋，江南区 汉城 135-080

The bank of south China's jiangnan building is 679, taisheng Yoksam dong, the han city of jiangnan district, 135-080

常规查询：82-2-2005-6841～6 传真：General inquiry: 82-2-205-681-6:

化学 说明： 金属加工液

Chemical description: metal processing liquid

2，成分和配料

2, ingredients and ingredients

成分 CAS 号。 范围%CAS number. The scope of %

加氢中间馏分 >99 抗氧化剂 >0.1

In the middle of the hydrogenation, > 99 antioxidant > 0.1

【危险性 警告声明：可能有害吸入或吸收 THRU 肌肤。

Danger warning: THRU skin may be harmful inhaled or absorbed.

低粘度石油混合会导致 如果误食和吸入，易造成皮肤刺激急性肺损伤。

A low viscosity oil mix can lead to acute lung damage if eaten and inhaled.

可燃的。 蒸气或薄雾长期吸入 BE 有害的。 油雾可会刺激 呼吸道。眼睛：可能引起轻微的眼睛刺激，其特点是红肿， 撕裂或烧灼感。

Flammable. Vapor or mist long inhalation of BE is harmful. The oil mist can irritate the airways. Eyes: may cause mild eye irritation, characterized by redness, tear or burning.

口述：预计通过摄入有轻微的急性毒性。

Dictation: a mild acute toxicity is expected.

此产物和随后的呕吐的摄取会导致 吸入肺中，引起化学性肺炎和 肺损伤。

This product and subsequent vomiting can result in inhalation of the lungs, causing chemical pneumonia and lung damage.

吸入：呼吸浓度的蒸气或雾在空气中 超过 GBZ-，或不寻常的高浓度，

Inhalation: the vapor or fog of the breath is greater than gbz-or unusually high in the air.

从暴露在空气不流通的区域或封闭 的空间，可能会刺激鼻，喉和呼吸道 。过度曝光的其他症状可能包括 头痛，恶心，眩晕和/或嗜睡。 见“长期毒性效应”和第 11 节额外信息。

From exposure to uncirculated or enclosed space, the nose, throat and respiratory tract may be stimulated. Other symptoms of overexposure may include headache, nausea, dizziness and/or lethargy. See the "long-term toxicity effect" and section 11 extra Information.

皮肤：可能引起皮肤过敏。 长期或频繁反复接触会引起更多 严重刺激或可能会导致皮肤变得破裂或干燥从该材料的脱脂操作。

Skin: may cause skin allergy. Prolonged or frequent contact causes more severe irritation or may cause the skin to break or dry out of the material.

长期毒性 效果：Long-term toxicity:

用该材料或癌症信息 成分（S）。 参见第 11 获取更多信息。

Use this material or cancer information ingredient (S). See number 11 for more information.

4，急救措施 4, first aid measures

眼睛：冲洗眼睛立即用清水进行至少 15 分钟 同时保持眼睑张开。如果症状持续，建议就诊处理。 皮肤接触：用肥皂水和清水彻底冲洗皮肤。

Eyes: rinse your eyes immediately with water for at least 15 minutes while keeping your eyelids open.

If the symptoms persist, suggest treatment. Skin contact: rinse thoroughly with soap and water.

如果皮肤刺激持续，或出现皮疹作为的结果 过多的接触，建议就诊处理。

If skin irritation persists, or there is too much contact with a rash as a result of a rash, suggest treatment.

受污染的衣物。 食入：不要催吐。材料吸入可引起 严重肺损伤，如化学性肺炎。

Contaminated clothing. Eat in: don't vomit. Inhalation can cause severe lung damage, such as chemical pneumonia.

建议马上就诊处理。如果发生自发性呕吐，保持头部 下面的部分，防止误吸和监测呼吸困难。切勿给失去知觉任何口服 。

Suggest immediate treatment. If spontaneous vomiting occurs, keep part of the head under the head, preventing the inhaling and monitoring of breathing Difficult. Don't give the loss of consciousness any orally.

吸入：如果有迹象或症状，如本说明由于 MSDS 呼吸这种材料，移动到空气新鲜处。如果呼吸停止，应进行人工呼吸。呼叫 医生。

Inhalation: if there are any signs or symptoms, as indicated by MSDS breathing this material, move to the fresh air. if Breathing stops, should be carried on artificial respiration. Call a doctor.

医生注意事项：本产品可能存在的吸入危险。请参阅相关本数据表意见。如果自发性呕吐有食入后发生，患者应被监视 呼吸困难，如吸入不良反应进肺中，可能会延迟至 48 小时。

Doctor's note: this product may be in danger of inhalation. Please refer to the relevant This data table comments. If spontaneous vomiting occurs after feeding, the patient should be monitored for breathing difficulties, such as inhalation of adverse reactions into the lungs, which may be delayed to 48 hours.

5，消防措施 5, fire control measures

点火温度。 （℃）：未确定 可燃极限（体积%）：1 - 6 闪点（℃）：>105（PMCC）

The ignition temperature. (℃) : not sure flammable limit volume (%) : 1-6 Flash point (℃) : > 105 (PMCC)

灭火剂：根据美国国家防火 协会指南，使用水雾，干粉， 泡沫或二氧化碳。水或泡沫可能

Extinguishing agent: according to the national fire prevention association guidelines, use water fog, dry powder, foam or carbon dioxide. Water or foam may be

导致起泡。用水冷却暴露在火中容器。如果泄漏或溢出并没有点燃，用 水喷雾驱散蒸气并

Cause foaming. Use water to cool the container in the fire. If the leak or overflow does not ignite, use a spray of water to disperse the steam

对于人试图提供保障 停止泄漏。 爆炸危险：全身阻燃防护服和/或 推荐人推荐 企图泄漏或溢出控制和防火 注意。

People are trying to provide a guarantee to stop the leak. Explosion hazard: full-body flame retardant protective clothing and/or referrals to recommend an attempt to leak or spill control and fire prevention attention.

六泄漏应急处理 Six leak emergency treatment

万一泄漏：停止泄漏源或释放并包含溢出，如果可能的。区域通风。使用呼吸器和防护服

In case of leakage: stop the leak source or release and contain the overflow if possible. Ventilated area. Use respirators and protective clothing

如本 MSDS 讨论。盖溢出了部分的数量惰性吸收剂。用硬扫帚将其调匀。扫描和发生在一次性容器。磨砂污染 用清洁剂和水用硬扫帚区。拿起液体 额外的吸收和发生在一次性容器。防止地下水或地表水的污染。

If the MSDS are discussed. The cover overflows the amount of inert absorbent. Mix it with a hard broom. Scanning and taking place in a disposable container. Ground cleaning detergent and water use hard broom area. Take the extra absorption and take place in a disposable container. Prevent the contamination of groundwater or surface water.

7，处理和存储 7, processing and storage

远离热源，火花和火焰。保持容器紧密 封闭。处理和储存在通风良好的地方，并在按照有关可燃液体地方性法规。

Stay away from heat sources, sparks and flames. Keep the container tightly closed. Process and store in well-ventilated areas, and in Local regulations on flammable liquids.

空容器中保留残留物（液体和/或蒸汽）和能是危险的。禁止增压，切割，焊接，铜焊，焊，钻，研磨或使此类容器 。热，火焰，火花，静电，或其它点火源：它们可能爆炸并

It is dangerous to retain residue (liquid and/or steam) in an empty container. Not supercharging, cutting, welding, brazing, Welding, drilling, grinding or making such containers. Heat, flame, spark, static, or other ignition source: they may explode

造成人身伤亡。不要尝试，因为清洁 残余物难以除去。空罐应彻底 倒掉，正确封堵并及时返回到维修商。所有其他的容器应在一个被布置的 环境安全的方式，并按照政府法规。

Causing bodily injury. Don't try because it's hard to get rid of the residue. The empty tank should be completely inverted, properly sealed and returned to the repairman in time. All other containers should be in an environmentally safe manner and in accordance with government regulations.

八，暴露控制/个人防护 8, exposure control/personal protection

眼睛：避免眼睛接触。化学安全护目镜的佩戴或 面罩建议。

Eyes: avoid eye contact. Suggestion for the wearing or mask of chemical safety goggles.

皮肤：避免接触皮肤或衣服接触。皮肤接触可穿不透的防护服，包括最小化手套。由氯丁橡胶，丁腈，或制成的防护服正丁基橡胶是适合于这些应用。 暴露的员工应保持合理的个人

Skin: avoid contact with skin or clothing. Skin contact can wear opaque protective clothing, including minimizing gloves. It is suitable for these applications by chloroprene, butyronitrile, or made of protective suits. Exposed employees should keep reasonable individuals

清洁;这包括清洗暴露的皮肤几种用肥皂和水，洗涤或干燥每日时报清洗脏的工作服至少每周一次。

Clean; This includes cleaning the exposed skin several times with soap and water, and washing or drying the daily times at least once a week.

吸入：如果工作条件创造空气中的浓度是 过度和可能超过暴露标准（S），使用经认可的呼吸器的建议。穿戴合格的呼吸防护，如有机蒸汽呼吸器微粒预过滤器。

Inhalation: if working conditions create concentrations in the air that are excessive and may exceed exposure criteria (S), use approved respirators. Wear qualified breathing protection, such as the organic steam respirator particle prefilter.

使用清洁批准供气呼吸防护 大量泄漏，或在进入储罐，容器或其它密闭空间。

Use a clean, approved supply of air breathing to protect a large amount of leakage, or in a tank, container or other confined space.

通风：在本产品的正常应用中，一般稀释 通风是足够的。

Ventilation: in normal application of this product, general dilution ventilation is sufficient.

暴露限制：无 GBZ-存在这种物质。 SKALN 建议

Exposure limits: no GBZ - exists. SKALN advice

一个每天 8 小时 100 ppm 的临时工。

A temporary day of 8 hours and 100 PPM.

9，物理及化学性质 Physical and chemical properties

注意：下面的数据可以代表一定范围的近似或典型值的产品在同一个类型。精确的技术信息在产品提供 公告，并可以从你的销售代表处得到。

Note: the following data can represent a range of similar or typical values in the same type. Accurate technical information is announced in the product and can be obtained from your sales representative office.

外观及气味：淡水白色液体

Appearance and smell: fresh water white liquid

沸点（℃）：130 - 150 蒸汽公关。 （毫米汞柱@25℃）：<1

Boiling point (℃) : 130-150 steam pr. (MMHG @ 25 ℃) : < 1

密度（C 千克/升，在 15℃下）：0.8480 蒸气密度（空气=1）：未确定

Density (kg/l, C below 15 ℃) : 0.8480 (= 1) air vapor density: not sure

pH 值未稀释的产品：不适用 溶解度（水）：可忽略

Product of undiluted pH: dissolubility (water) : negligible

%的挥发性体积：未确定 蒸发：未确定

% volatile volume: undetermined evaporation: undetermined

粘度（所有产品等级）：32 /秒@40 度。 2.0-2.6 稳定性和反应

Viscosity (all product levels) : 32 / SEC. 40 degrees. 2.0-2.6 stability and response

有害的聚合反应：不会发生

Harmful aggregate response: not happening

燃烧产物：一氧化碳和二氧化碳可能 形成于燃烧在有限的气源。避免条件：热，强氧化剂

Combustion products: carbon monoxide and carbon dioxide may be formed in a limited source of gas. Avoid conditions: hot, powerful oxidizer

11 毒理学资料 11 toxicology data

一般：包含中间馏分油。中间馏分油造成皮肤下面终身应用实验动物癌症 皮肤。短暂的或间歇的皮肤接触预计不会 造成不良影响，如果它被彻底洗涤。避免 长时间或反复与皮肤接触或蒸气的呼吸或 雾。

General: contains intermediate distillate oil. The middle distillate causes the skin to be applied to the skin for life under the skin. Short or intermittent skin contact is not expected to cause adverse effects if it is washed thoroughly. Avoid breathing or fog with skin contact or steam over long periods of time.

12 生态学资料 环境 效果：12 ecologic data environmental effects:

这种材料或它的组分可以是有毒的水生物和应留污水和排水系统，和水的所有机构。

This material, or its constituent parts, can be toxic water and sewage and drainage systems, and all the bodies of water.

13，处置注意事项 13, the matter of disposal

废物处理：将污染物质的一次性容器和在适用的法规相一致的方式处置。联系当地环保或卫生主管部门批准 处置这种材料。

Waste disposal: disposing of a disposable container of pollutants in a manner consistent with applicable regulations. Contact local environmental protection or health authorities to approve the disposal of this material.

备注：发布这款产品应该被阻止 污染的土壤，并进入排水系统，下水道 系统，和水的所有机构。

Note: the release of this product should be prevented from contaminating the soil and moving into the drainage system, the sewage system, and all the bodies of water.

14 运输信息 危险品运输：

Transport information dangerous goods transport:

UN 编号：不适用 危险品等级：不适用

UN number: no dangerous grade: not applicable

正确运输名称：不适用 危险化学品法典（澳大利亚/新西兰）：不适用

Proper transport name: no applicable hazardous chemical code (Australia/New Zealand) : not applicable

其他信息：交通运输按照当地法规 关于可燃液体。 虽然这种材料不被 TDG 调节， 闪点落入在该范围 由美国监管部门 交通运输（DOT）作为“不易燃 液“（UN1268）。

Other information: transportation is based on local regulations regarding flammable liquids. Although the material is not regulated by the TDG, the flash point falls into the range of "unflammable fluid" (UN1268), which is used by U.S. regulators for transportation (DOT).

15。法规信息 15. Regulatory information

呼吸器信息：呼吸器使用者在澳大利亚和新西兰的应 符合 AS / NZS 一千七百一十六分之一千七百十五。 如果当地审批机关不存在，呼吸器 用户可以参考美国 NIOSH，欧洲标准欧盟-149，或关节澳大利亚 - 新西兰 AS / NZS 1716 分之 1715 指导。

Respirator information: ventilator users in Australia and New Zealand should be in conformity with AS/NZS 1, 716, 715. If the local approval authority does not exist, the respirator user can refer to the American NIOSH, European standard The eu-149, or joint australia-new Zealand AS/NZS 1716 guidance.

16，其他信息 16, other information

可金属中形成的热分解产物 加工或暴露于极热或打开 火焰。该产品可能会刺激眼睛，鼻子，喉咙和肺部。金属氧化物的烟雾也可以形成;接触 烟雾可引起类似流感的症状，包括鼻，胸充血，发热，胸闷，快速心脏率。症状通常消失在几天内。

Pyrolysis products formed in metal are processed or exposed to extreme heat or open flame. The product may irritate eyes, nose, throat and lungs. The smoke of metal oxides can also form; Exposure to smoke can cause flu-like symptoms, including nose, chest congestion, fever, chest stuffy, and rapid heart rate. Symptoms usually disappear within days.

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有关本产品的使用和处置适用法律和法规。对于 在您所在的国家提供关于该产品的具体技术数据或意见 请联系您当地的销售代表。的最终裁定 任何材料的适用性是用户的责任。

Applicable laws and regulations concerning the use and disposition of this product. Please contact your local sales representative for specific technical data or comments on the product in your country. Ultimately, the applicability of any material is the user's responsibility.

批准的 HES 服务修订日期：10 月 10-2000

Approved HES service revision date: October 10-2000