QINGDAO HUAYI BIOLOGICAL TECHNOLOGY CO.,LTD
Block B, NO. 20, Zhuzhou Road, Laoshan District, Qingdao, Shandong, China

TECHNICAL DATA SHEET(TDS)

—— HUAYI BIO® PG-DIYS-2I

INCI NAME: POLYGLYCERYL-2 DIPOLYHYDROXYSTEARATE（聚甘油-2 二聚羟基硬脂酸酯）
CAS NO.: 144470-58-6

特性/CHARACTERISTICS:

HUAYI BIO® PG-DIYS-2I是一款高性能的W/O乳化剂，可以作为乳化剂单独使用。其具有绿色安全，无EO结构，与皮肤有极佳的相容性，对皮肤无刺激；对油酯的极性无选择性；并且可以采用冷配工艺等众多特点。

HUAYI BIO® PG-DIYS-2I is a high performance W/O emulsifier that can be used alone as an emulsifier. It is green and safe, with no EO structure, excellent compatibility with the skin and no skin irritation; non-selective for the polarity of oil esters; and can be used in a cold formulation process, among many other features.

技术指标/TECHNICAL INDEX:

有效质/Effective mass content, %	≥98
皂化值/Saponification, mgKOH/g	≤190
羟值/Hydroxyl Value, mgKOH/g	65-90
酸值/Acid Value, mgKOH/g	≤2.0
水分/Moisture %	≤0.5
碘值/Iodine Value, gI2/100g	≤15
HLB Value	5-6
重金属/Heavy metals(Pb, mg/kg)	≤1.0

外观/APPEARANCE:

黄色至浅黄色粘稠液体。
Yellow to light yellow viscous liquid.

性能/BENEFIT CLAIMS:

乳化/Emulsifying
对于色粉及钛白粉有很好的分散性和稳定性/Good dispersion and stability for color powder and titanium dioxide.

应用/APPLICATION:

- 乳液、膏霜、粉底液、洗面奶、沐浴露、身体乳、防晒霜、防晒喷雾等。
  Lotions, Cream, W/O Foundation, Facial cleansing, Body lotion, Sunscreen, Sprayable Sun lotion, etc.
- 皮肤护理：水包油或油包水类配方
  O/W and W/O natural emulsions

建议添加量/DOSAGE: 2.0-10%

包装/PACKING:

净重：25kg/桶(塑料桶)
Net weight: 25kg/Drum（Plastic Drum）

保质期/SHELF LIFE:

在未开封的原始包装中储存 24 个月。（自生产之日起）
In the condition of unopened: 24 months. (from the date of production)

Tel: +86-153-3532-7031 Email: elva@huayichn.com http://www.polyglycerolester.com

储存/STORAGE:

避免阳光和雨水。在阴凉、干燥和通风良好的地方。储存温度应低于 25℃

Sealed. Please be stored in a cool, dry place at 25℃ in the absence of sunlight.