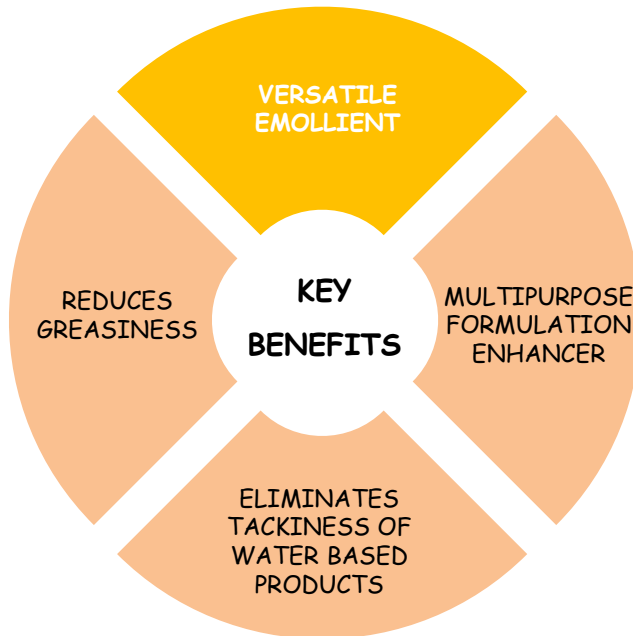


COMPOSITION
INCI Name
Isopentyldiol
Pentylene glycol
1,2-Hexanediol



## Chemical and physical properties

- Optimized blend of diols
- Transparent colorless liquid
- Soluble in water and selected oils

## Formulation

- **Oils:** Soluble in some polar fatty alcohols (octyldodecanol), polar fatty ester (methyl ricinoleate), castor oil

Insoluble in caprylyl carbonate, vegetable, mineral and silicone oils

- **UV filters:** compatible with organic and inorganic sunscreens
- **Treated pigments:** compatible with all DAITO's treatments
- **Films formers:** compatible with acrylic and urethane derivatives (DAITOSOL SERIES)

## Cosmetic benefits

- Soft skin feel, high spreadability and slip
- Imparts a light and velvety, non-greasy afterfeel
- Effective for reducing the oiliness of formulation
- Reduces the tackiness
- Because of its dual solubility, oil-based formulations can be rinsed-off easily
- The water based formulations give a harsh feeling when applied on the skin. The addition of MAKILENE FEEL is ideal to give the product a pleasant slippery feel

## Use guideline

- Easy to handle: low viscosity
- Suitable for oil-free formulations
- Improves pigment dispersion
- Substitute of silicones
- Helps polymers in powder form to swell more rapidly in water (MAKIMOUSSE, MAKISWELL 20)
- Can help to reduce the concentration of traditional preservative (anti-microbial properties)

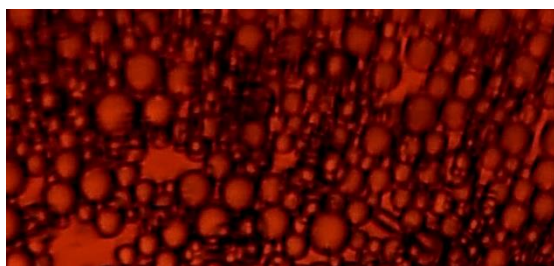
**Emulsions:** Add to the oil, or water phase or after emulsification

- Can reduce the size of the droplets
- Use level: 0,1- 15%

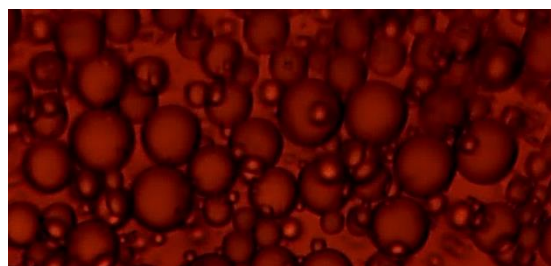
**Powders:**

- Can act as a binder in pressed powders
- Improves the resistance to breakage
- Use level: 0,1- 5%

## O/W Emulsions: Droplet size



5% of MAKILENE FEEL



Without MAKILENE FEEL

The particle size of the oil droplets is reduced by adding MAKILENE FEEL

## Applications

### SKIN CARE

DO/072 Powdery lotion

### SUN CARE

DKE 297 Suncare emulsion gel sprayable - ASL

### FOUNDATIONS

DKE 299 Matt and fix pressed powder  
DL/012 Watery foundation  
DKE 302 Matt evanescent aqueous foundation-ASL

### LIP PRODUCTS

DKE 300 Longwear fruity light gloss

## Safety and regulatory information

**Product safety:** These diols are considered non toxic by a single dose and not mutagenic. They don't produce ocular irritation and skin sensitization. Pentylene glycol and 1,2-hexanediol are irritating to the eyes.

**Material Safety Data Sheets** are available for all DAITO KASEI products.

**REACH:** All the ingredients, unless they are exempted, will be registered on May 2018.

The ingredients are listed on major chemical inventories such CTFA, CosIng, AICS, NDSL, KCID, IECIC2003 and/or IECIC2014.

## For additional information

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