

# HI-WHITE

## High-quality White Oil

**HI-WHITE** is an extremely pure white oil made from carefully selected, highly refined base stock. **HI-WHITE** is an outstanding product that passes 「Japan's specifications and standards for food additives」 and 「The Japanese standards of quasi-drug ingredients (Supplement to the Japanese standards of quasi-drug ingredients 2006 consolidated edition) 」 .

### ● Special Features

#### 1. Colorless, Tasteless, Odorless, and Nonfluorescent

Because **HI-WHITE** is highly refined through the advanced purification process, it has no color, taste, odor or fluorescence.

#### 2. High Purity, Low Ultraviolet Absorption

The strictest for white oil's purity is the ultraviolet absorption test. **HI-WHITE** is high purity product since the absorbance of ultraviolet is extremely low.

#### 3. Excellent Stability and Light Resistance

Because of its high purity, **HI-WHITE** is very stable against sunlight, heat, etc.

#### 4. Outstanding Safety

**HI-WHITE** has been proven safe, because it meets 「Japan's specifications and standards for food additives」 and 「The Japanese standards of quasi-drug ingredients (Supplement to the Japanese standards of quasi-drug ingredients 2006 consolidated edition) 」

#### 5. Superior Lubricity

**HI-WHITE** has excellent lubricity as a lubricant for machinery.

### ● Applications

**Cosmetic Industry:** Base stock for cleansing cream, etc.

**Food Industry:** Divider oil for bread dough and release agent for roasting food

**General Industry:** Oil for air filter, etc.

**Textile Industry:** Finishing agent for synthetic fabrics. Colorless lubricant for spinning and weaving machines. Oily agent for cotton and wool spinning.

**Plastics Industry:** Plasticizer for synthetic resin. Internal or mold lubricant. Compressor oil for use with synthetic resins.

### ● Containers

175kg drums(Grade 350), 170kg drums(Grade 70, Grade 22S), 15kg cans

### ● Typical properties of HI-WHITE

Grade			70	350	22S
Density	(15 °C)	g/cm <sup>3</sup>	0.843	0.867	-
Specific gravity	(20°C/20°C)		0.842	0.865	0.855
Kinematic viscosity	(37.8 °C)	mm <sup>2</sup> /s	13.7	76	-
Kinematic viscosity	(40 °C)	mm <sup>2</sup> /s	-	-	23.1
Pour point		°C	-12.5	-12.5	-
Flash point	(COC)	°C	185	251	205
Color	(Saybolt)		+30	+30	-
Reaction(JIS K2252)			Neutral	Neutral	-
Copper strip corrosion	(100 °C, 3h)		1	1	-

Note: The typical properties are subject to change without notice. (May, 2019)



## Handling Precautions

▼ Follow these precautions when handling this product.

### HI-WHITE 70

<b>Composition :</b>	Highly refined mineral oil
<b>Precautionary pictograms:</b>	
<b>Signal word:</b>	Danger
<b>Hazard Statement:</b>	May be fatal if swallowed and enters airways
<b>Precautionary Statements:</b> <b>Prevention</b>	<ul style="list-style-type: none"><li>• Do not handle until all safety precautions have been read and understood.</li><li>• Wear protective gloves/protective clothing/eye protection/face protection.</li><li>• Do not allow the eyes to become exposed to the product. Do not swallow the product.</li><li>• Wash hands thoroughly after handling.</li><li>• Do not eat, drink or smoke when using this product.</li></ul>
<b>Response</b>	<ul style="list-style-type: none"><li>• IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</li><li>• IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</li><li>• If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician.</li><li>• IF ON SKIN: Wash with plenty of soap and water.</li><li>• Do NOT induce vomiting.</li></ul>
<b>Storage</b>	<ul style="list-style-type: none"><li>• The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight.</li><li>• Containers that have been opened must be tightly sealed.</li><li>• Store locked up.</li></ul>
<b>Disposal</b>	<ul style="list-style-type: none"><li>• Dispose of contents/container in accordance with local/regional/national/international regulations.</li><li>• If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.</li></ul>

**HI-WHITE 350, HI-WHITE 22S**

<b>Composition :</b>	Highly refined mineral oil
<b>Hazard Category:</b>	Not applicable
<b>Precautionary Statements:</b> <b>Prevention</b>	<ul style="list-style-type: none"><li>• Do not handle until all safety precautions have been read and understood.</li><li>• Wear protective gloves/protective clothing/eye protection/face protection.</li><li>• Do not allow the eyes to become exposed to the product. Do not swallow the product.</li><li>• Wash hands thoroughly after handling.</li><li>• Do not eat, drink or smoke when using this product.</li></ul>
<b>Response</b>	<ul style="list-style-type: none"><li>• IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</li><li>• IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</li><li>• If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician.</li><li>• IF ON SKIN: Wash with plenty of soap and water.</li></ul>
<b>Storage</b>	<ul style="list-style-type: none"><li>• The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight.</li><li>• Containers that have been opened must be tightly sealed.</li></ul>
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