

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 ³	0.843	0.867	-
Specific gravity	(20°C/20°C)		0.842	0.865	0.855
Kinematic viscosity	(37.8 °C)	mm ² /s	13.7	76	-
Kinematic viscosity	(40 °C)	mm ² /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

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

HI-WHITE 350, HI-WHITE 22S

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