



Daphne Alpha Cleaner Series

High Performance Hydrocarbon Cleaner

Description

This is a series of highly purified synthetic hydrocarbon cleaner/ degreaser specially developed by IDEMITSU. The series is able to meet today's stringent requirement for industrial cleaning & degreasing and being totally environment friendly at the same time for it does not contain O-zone depleting substances.

Application

Recommended as a cleaner/ degreaser for all types of metals. It is also able to clean rubber and plastic parts.

Characteristics

1. **Excellent Cleaning/ Degreasing Abilities** - Extremely good for industrial cleaning/ degreasing of all types of metals, plastic and rubber parts.
2. **Extremely Low Odour & Toxicity** - Manufactured synthetically from purified organic compound, the series does not contained impurities and thus extremely low odour and toxicity. It does not cause dermatitis, thus, promoting pleasant and healthy working environment.
3. **Good Anti-Rust Performance** - Compared with chlorine type solvent (trichloroethylene, 1.1.1. trichloroethane), it has less tendency to absorb moisture from the atmosphere, thus, better anti-rust performance.

Packing

20L pail, 200L drum

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Typical Specifications

Daphne Alpha Cleaner Series

	TYPE OF METHOD	Cleaner M	Cleaner H	Cleaner L
Appearance	Visual	Colourless	Colourless	Colourless
Density 15 °C g/cm ³	ASTM D-4052	0.761	0.785	0.711
Color (Saybolt)	JIS K-2580	+30	+30	+30
Flash Point (PM), °C	ASTM D-93	49	87	Below room temperature.
Pour Point, °C	ASTM D-97	<-70	<-60	<-70
Total Acid Number, mgKOH/gm	ASTM D-974	0.01	0.01	0.01
Aniline Point, °C	ASTM D-611	81	89	72
KB Value	-	30	28	32
Viscosity, cSt @ 40 °C mm ² /s	ASTM D-445	1.25	2.56	0.59
Distillation Range	IBP, °C	-	165	73
	95%, °C	-	190	118
	EP, °C	-	205	140
Sulphur Content, ppm	-	<1	<1	<1
Aromatic content, wt %	-	<0.1	<0.1	<0.1
Surface tension, 25°C, mN/m	JIS K-2241	24.0	26.1	20.7
Copper Corrosion, 100 °C x 3h	ASTM D-130	1	1	1
Acute Ingestion Toxicity Data, LD50 g/kg	-	>20	>20	>20
Hazard Classification Materials (Japan)	-	Class 2	Class 3	Class 1
Organic Rule	-	NA	NA	NA

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