

Advanced Materials
Ara[®] Ecocleaner

Ancillary products

DATA SHEET

	High flash point Readily biodegradable No hazard label Suitable alternative to solvents such as acetone, methylene chloride or NMP		
Applications	Resin clean up Paints (can and coil coating) Printing inks Paint removers		
Properties	High flash point Readily biodegradable and non toxic Non flammable		
Key data	Specified key data Aspect (visual) clear liquid Colour (APHA, ISO 4630) ≤ 15 Viscosity at 25 °C (ISO 12058-1) < 10 [mPa s] Specified key data are individually checked throughout and guaranteed.		
	Typical key data Viscosity at 25 °C < 10 [mPa s] Vapour pressure at 20 °C app. 25 [Pa] Density at 25 °C (ISO 1675) 1.07 - 1.11 [g/cm ³] Flash point (ISO 2719) 103 [°C] Freezing point -20 [°C] Refractive index at 20 °C 1.40 - 1.44		
	As-supplied form liquid Odour mild fruity Shelf life (at storage temperature between 2 - 40 °C) at least 12 months (see expiry date on original container) Hazardous decomposition products carbon monoxide, carbon dioxide and other toxic gases and vapours (when disposed of in fire) Disposal regular procedures approved by local authorities		
	Typical key data are spot checked; the values are typical for the product and are indicated for information only. The values are not guaranteed.		

High technical performance

The Ara® Ecocleaner presents comparable dissolution speed to Acetone and Methylene Chloride. The Ara® Ecocleaner is a powerful solvent for dissolving a wide range of resins and polymers such as: Alkyds, Amino and Phenol Formaldehyde, Epoxy, Polyurethane and Unsaturated Polyesters.

Excellent Health and Safety profile

The Ara® Ecocleaner is non flammable and has an excellent health and safety profile (non toxic, non carcinogenic, non irritant or sensitizer). Thus it is an ideal alternative to traditional solvents for improving safety in the work place.

The Ara® Ecocleaner offers a cost efficient solution due to its low evaporation rate. Less product is required compared with many traditional solvents. It can be re-used several times before going to waste.

Storage	The component has to be stored in tightly sealed and dry original containers according to the storage conditions on the product label. Under these conditions, the shelf life will correspond to the expiration date stated on the label. After this date, the product may be processed only following reanalysis. Partly emptied containers should be closed tightly immediately after use. For information on waste disposal and hazardous products of decomposition in the event of fire, refer to the Material Safety Data Sheets (MSDS) for these particular products.
Handling precautions	Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product safety data sheets and the brochure "Hygienic precautions for handling plastics products".



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Products may be toxic and require special precautions in handling. The user should obtain Safety Data Sheets from Huntsman Advanced Materials containing detailed information on toxicity, together with proper shipping, handling and storage procedures, and should comply with all applicable safety and environmental standards.

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