

REVISED DATE: 03 DECEMBER 2011

1. SUBSTANCE AND COMPANY UNDERTAKING

PRODUCT NAME: DINA, DI-ISONONYL ADIPATE
SUPPLIER: INNUE PETROCHEM LTD
STREET ADDRESS: PO BOX 3069, ROAD TOWN, TORTOLA, BRITISH VIRGIN ISLANDS
TEL: +1 284 495 0244 FAX: +1 284 495 0245

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAMES: DI-ISONONYL ADIPATE; ADIPIC ACID DIISONONYL ESTER;
HEXANEDIOIC ACID, DIISONONYL ESTER

PREPARATION DESCRIPTION: DIISONONYL ADIPATE IS USED AS A LOW-TEMPERATURE-
RESISTANT AND LIGHT-RESISTANT PLASTICISER FOR PVC AND
ITS COPOLYMERS AND RUBBERS. IT IS PERMITTED IN THE FIELD
OF FOOD ADDITIVE, FOOD CONTACT MATERIAL. IT IS USED AS A
CARRIER SOLVENT FOR POLYURETHANE SYSTEM

CONTENT (W/W): > = 99.0%; IMPURITIES: <0.1%

CAS NUMBER: 33703-08-1
EINECS NUMBER: 251-646-7
REACH C&L NUMBER: 02-2119787946-13-0000

MOLECULAR FORMULA: $C_9H_{19}OOC(CH_2)_4COOC_9H_{19}$ MOLECULAR WT: 398.63

3. SALES SPECIFICATION (PHYSICAL AND CHEMICAL PROPERTIES)

ITEM	UNIT	SPECIFICATION
COLOUR	APHA	30 MAXIMUM
SPECIFIC GRAVITY	20/20°C	0.926 ± 0.005
REFRACTIVE INDEX	25°C	1.449 ± 0.003
ACID VALUE	mg/KOH/g	0.06 MAXIMUM
ESTER CONTENT	Wt%	99.0 MINIMUM
HEATING LOSS	Wt% 125°C ± 3°C x 3 hours (NO AIR)	0.1 MAXIMUM