



**SAFETY DATA SHEET**  
**Soarnol DC3205HB**

According to Regulation (EU) No 453/2010

**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME	Soarnol DC3205HB
PRODUCT NO.	DC3205HB
SYNONYMS, TRADE NAMES	EVOH, Ethylene Vinyl Alcohol Copolymer, Soarnol Barrier Resin
SUPPLIER	Nippon Gohsei (UK) Limited Soarnol House Saltend Kingston upon Hull HU12 8DS U.K T: +44 (0)1482 333320 F: +44 (0)1482 309332
EMERGENCY TELEPHONE	+44 (0)1865 407 333 (CARECHEM 24)

**2 HAZARDS IDENTIFICATION**

CLASSIFICATION (1999/45)	Not classified.	
CLASSIFICATION (EC 1272/2008)	Physical	Not classified.
	Health	Not classified.
	Environmental	Not classified.
PRECAUTIONARY STATEMENTS	P260a	Do not breathe dust.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Ethylene Vinyl Alcohol	>99%
CAS-No.: Proprietary	EC No.:
Classification (67/548)	
-	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16

**4 FIRST-AID MEASURES**

**INHALATION**  
Not relevant.

**INGESTION**  
Rinse mouth thoroughly. Get medical attention if any discomfort continues.

**SKIN CONTACT**  
Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

**EYE CONTACT**  
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

## Soarnol DC3205HB

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

#### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Keep up-wind to avoid fumes.

#### SPECIFIC HAZARDS

Fire or high temperatures create: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Use protective gloves, goggles and suitable protective clothing. Avoid inhalation of dust. Avoid contact with skin and eyes.

#### SPILL CLEAN UP METHODS

Non-hazardous substance. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Avoid generation and spreading of dust. Wear necessary protective equipment. For waste disposal, see section 13.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Observe good chemical hygiene practices. Avoid eating, drinking and smoking when using the product. Avoid handling which leads to dust formation. Avoid inhalation of dust and contact with skin and eyes.

#### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Do not store near heat sources or expose to high temperatures. Protect from light, including direct sunrays.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### PROTECTIVE EQUIPMENT



#### PROCESS CONDITIONS

Provide eyewash station.

#### ENGINEERING MEASURES

Provide sufficient ventilation for operations causing dust formation.

#### RESPIRATORY EQUIPMENT

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m<sup>3</sup>.

#### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

#### EYE PROTECTION

Wear approved safety goggles.

#### OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact. Wear dust masks in dusty areas.

#### HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. Wash hands after handling.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**Soarnol DC3205HB**

APPEARANCE	Pellets
COLOUR	Yellow white
ODOUR	No characteristic odour.
SOLUBILITY	Soluble in: DMSO. Water-Alcohol Mixed Solvent. Insoluble in water Ethyl Acetate. Methyl isobutyl ketone (MIBK). Toluene.
MELTING POINT (°C)	150-200
BULK DENSITY	0.64-0.75 kg/m <sup>3</sup>
AUTO IGNITION TEMPERATURE (°C)	500

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid excessive heat for prolonged periods of time.

**HAZARDOUS POLYMERISATION**

Will not polymerise.

**HAZARDOUS DECOMPOSITION PRODUCTS**

None at ambient temperatures. During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

**11 TOXICOLOGICAL INFORMATION****INHALATION**

No specific health warnings noted.

**HEALTH WARNINGS**

No specific health warnings noted. Dust may irritate respiratory system.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Not regarded as dangerous for the environment.

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

General	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
	No transport warning sign required.
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.
ADR CLASS	Not classified for transportation.

**15 REGULATORY INFORMATION****ENVIRONMENTAL LISTING**

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

### Soarnol DC3205HB

**EU DIRECTIVES**

System of specific information relating to Dangerous Preparations. 2001/58/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

**STATUTORY INSTRUMENTS**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

**APPROVED CODE OF PRACTICE**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

**NATIONAL REGULATIONS**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**16 OTHER INFORMATION**

REVISION DATE 25/11/2010

REV. NO./REPL. SDS GENERATED 7

**RISK PHRASES IN FULL**

NC Not classified.

**HAZARD STATEMENTS IN FULL**

**DISCLAIMER**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.