Material Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 28.01.2009 Revision: 02.05.2008

*

1 Identification of substance

· **Product details**

· **Trade name** Induline GW-300

· **Article number:** 3360-75
· **Application of the substance / the preparation** Wood treatment

· **Manufacturer/Supplier:**
Remmers Baustofftechnik GmbH
Postfach 1255
D-49624 Löningen / Germany
Tel.: 05432/83-0
Fax: 05432/3985

· **Informing department:**
Product Safety department: Tel.: +49 (0)5432/83-138/-538
E-Mail: sales@remmers.co.uk

· **Emergency information:**
during working hours:
U.K.: Tel.: +44 (0) 845 373 0103
Far East: Tel.: +65(0) 67410277
Head Office Germany: Tel.: +49 (0)5432 83 185
after working hours: Tel.: +49 (0)171/6428-297

*

2 Hazards identification

· **Hazard designation:** not applicable
· **Information pertaining to particular dangers for man and environment** not applicable
· **Classification system**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

*

3 Composition/information on ingredients

· **Chemical characterization**
· **Description:** aqueous primer on a dispersion base

· **Dangerous components:**

CAS: 111-76-2 EINECS: 203-905-0	2-butoxyethanol	Xn, Xi; R 20/21/22-36/38	1-<2.5%
CAS: 55406-53-6 EINECS: 259-627-5	3-Iodo-2-propynylbutylcarbamate	Xn, Xi, N; R 20/22-41-50	≤0.5%

· **Additional information** For the wording of the listed risk phrases refer to section 16.

*

4 First aid measures

· **General information**
When symptoms occur or in case of doubt, seek medical advice
Immediately remove any clothing soiled by the product.
In case of irregular breathing or respiratory arrest, provide artificial respiration.
· **After inhalation**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness bring patient into stable side position for transport.

(Contd. on page 2)

Material Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 28.01.2009 Revision: 02.05.2008

Trade name Induline GW-300

(Contd. of page 1)

· **After skin contact**
Wash immediately with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
· **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
· **After swallowing**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
· **Information for doctor**
· **The following symptoms may occur:**
Excessive contact with skin, eyes or respiratory system may cause irritation.
· **Treatment** symptomatic treatment

*
5 Fire fighting measures

· **Suitable extinguishing agents**
CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
Use fire fighting measures that suit the environment.
· **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
· **Special hazards caused by the material, its products of combustion or flue gases:**
May be released in case of fire
Carbon monoxide (CO)
Carbon dioxide
further harmful conflagration gases and fumes
(Traces)
· **Protective equipment:**
Wear self-contained breathing apparatus.
Wear chemical protective clothing.
· **Additional information**
Collect contaminated fire fighting water separately. It must not enter drains.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

*
6 Accidental release measures

· **Person-related safety precautions:**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
· **Measures for environmental protection:**
Do not allow product to reach sewage system or water bodies.
Do not allow to enter the ground/soil.
· **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.

*
7 Handling and storage

· **Handling**
· **Information for safe handling:**
Use only in well ventilated areas.
Avoid the formation of aerosols.
Open and handle container with care.
· **Information about protection against explosions and fires:** No special requirements.

· **Storage**
· **Requirements to be met by storerooms and containers:** No special requirements.
· **Information on storage in a common storage facility:** none

(Contd. on page 3)

Material Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 28.01.2009 Revision: 02.05.2008

Trade name **Induline GW-300**

(Contd. of page 2)

· **Further information about storage conditions:**
Store cool and dry in tightly closed containers.
Protect from frost.
Store container in a well ventilated position.
Protect from heat and direct sunlight.

*

8 Exposure controls and personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Components with limit values that require monitoring at the workplace:**

111-76-2 2-butoxyethanol

WEL	Short-term value: 50 ppm Long-term value: 25 ppm Sk

· **Additional information:** The lists that were valid during compilation were used as a basis.

· **Personal protective equipment**
· **General protective and hygienic measures**
Observe the usual precautionary measures when handling chemicals.
Immediately remove soiled, saturated clothing.
Keep away from food, beverages and animal feed.
Do not eat, drink or smoke while working.
Use skin protection cream for preventive skin protection.
Wash hands before pauses and after work.
Avoid contact with eyes and skin.
Do not inhale gases / vapours / aerosols.
· **Respiratory equipment:**
Respiratory protection if there is a risk of splashes/mist.
Short term filter device:
Filter A/P2.
· **Protection of hands:** Impervious gloves
· **Material of gloves** Nitrile rubber, NBR
· **Penetration time of glove material**
Break through time: max. 240 min (DIN EN 374).
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Eye protection:**
Safety glasses
if there is a risk of splashes
· **Body protection:** Protective work clothing.

*

9 Physical and chemical properties:

· **General Information**

Form:	Fluid
Colour:	Different, according to dye
Odour:	Mild

· **Change in condition**

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	100°C

· **Flash point:**	Not applicable
· **Self-inflammability:**	Product is not self-igniting.

(Contd. on page 4)

Material Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 28.01.2009 Revision: 02.05.2008

Trade name **Induline GW-300**

(Contd. of page 3)

· **Danger of explosion:**	Product is not explosive.
· **Density at 20°C**	ca. 1.01 g/cm³
· **Solubility in / Miscibility with Water:**	fully miscible
· **pH-value at 20°C:**	8.4
· **Viscosity: kinematic at 20°C:**	11 - 12 s (DIN 53211/4)
· **Solvent content: Organic solvents:**	ca. 3 %

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
No decomposition if handled and stored according to specifications.
Avoid: heat, flames, sparks
· **Dangerous reactions** No dangerous reactions known
· **Dangerous decomposition products:**
None if used properly.
None if stored properly.

*
11 Toxicological information

· **Acute toxicity:**
· **Primary irritant effect:**
· **on the skin:** No irritating effect.
· **on the eye:** No irritating effect.
· **Sensitisation:** No sensitising effect known.

12 Ecological information:

· **General notes:**
Water hazard class 1 : slightly hazardous to water.
Do not allow product to reach ground water, bodies of water or sewage system.
according to appendix 4 VwVwS

*
13 Notes on disposal:

· **Product:**
· **Recommendation**
Do not dispose of together with household garbage. Do not allow product to reach sewage system.
The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user´s, other codes may apply under other conditions.

· **European waste catalogue**	
08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19

(Contd. on page 5)

Material Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 28.01.2009 Revision: 02.05.2008

Trade name **Induline GW-300**

(Contd. of page 4)

· **Uncleaned packaging:**
· **Recommendation:** Disposal must be made according to official regulations.
· **Recommended cleaning agent:** Water, if necessary with cleaning agent.

*

14 Transport information

· **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
· **ADR/RID-GGVS/E Class:** -

· **Maritime transport IMDG/GGVSea:**
· **IMDG/GGVSea Class:** -

· **Air transport ICAO-TI and IATA-DGR:**
· **ICAO/IATA Class:** -

· **Transport/Additional information:** Not a hazardous good according to the above regulations.

*

15 Regulatory information

· **Designation according to EC guidelines:**
Observe normal safety precautions for handling chemicals
The product is not subject to labelling in accordance with EC Guidelines and the Ordinance on Hazardous Materials (GefStoffV).
· **Product Code:** HSM-LV 10
· **National regulations**

· **Water hazard class:**
Water hazard class 1: slightly hazardous to water.
according to appendix 4 VwVwS
· **Other regulations, limitations and prohibition ordinances**
Observe the usual protective measures when working and for storage.

*

16 Other information:

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship.
Delivery specifications are found in the respective Technical Information Sheets.

· **Relevant R-phrases**
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
20/22 Harmful by inhalation and if swallowed.
36/38 Irritating to eyes and skin.
41 Risk of serious damage to eyes.
50 Very toxic to aquatic organisms.

· **Department issuing data specification sheet:** Product Safety department