

# MATERIAL SAFETY DATA SHEET

According to Regulation (EC) Nr. 1907/2006

## SECTION 1: IDENTIFICATION OF PREPARATION AND COMPANY

**Company:** Novidon Limited  
Coed Aben Road , Wrexham Industrial Estate  
WREXHAM, LL13 9UH  
Tel: +44 (0)1978 664384 Fax: +44 (0)1978 665979

**Product Name:** ***Drillamyl – Drilling Starch***

## SECTION 2: HAZARDS IDENTIFICATION

The chemical nature of this product does not give occasion to caution against hazards for adverse human health and environmental effects. Avoid dust creation, which could lead to a dust explosion.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**CAS NR** 9005-84-9  
**EINECS NR** see section 15  
**Chemical Constitution** Cold water soluble modified potato starch  
**Hazardous Components:** None

## SECTION 4: FIRST AID MEASURES

**SKIN:** Wash the skin with soap and water  
**EYES:** Immediately wash out the eyes with plenty of water. Seek medical attention if symptoms persist  
**INGESTION:** Wash out the mouth with water. Do not induce vomiting. Seek medical attention if large amounts ingested  
**INHALATION:** Remove from exposure. Keep warm and rest.

## SECTION 5: FIRE FIGHTING MEASURES

Fumes containing carbon dioxide and carbon monoxide may be formed in large fires. In case of fire use powder, foam, sand and water spray. Self contained breathing apparatus should be worn. The risk of a dust explosion should be considered.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Contain and collect the spillage. Shovel/vacuum up in a manner to minimise dust generation. Wear impervious gloves, overalls, eye protection and a dust mask while clearing up the spillage. Do not wash with water - may make the floor very slippery. Do not wash into drains.

## SECTION 7: HANDLING AND STORAGE

Store in a cool dry area. External damage to the bags should be avoided. Seal bags after use. Do not store next to strong oxidising agents that may aggravate any fire situation. Use in a well ventilated area. Avoid rough open handling which creates dust

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure Controls:** Provide good ventilation  
**Respiratory Protection:** Dust masks must be worn  
**Hand Protection:** Impervious gloves must be worn  
**Eye Protection:** Goggles must be worn in dusty conditions  
**Skin Protection** Protective overalls and shoes must be worn.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Free flowing, granular powder
<b>Odour:</b>	Almost odourless
<b>pH:</b>	5.0-8.0
<b>Solubility</b>	Soluble in water at ambient temperatures
<b>Bulk density</b>	550-700kg/m <sup>3</sup>
<b>Flash point</b>	>125°C
<b>Other properties:</b>	None are relevant

## SECTION 10: STABILITY AND REACTIVITY

Stable. Avoid water damage in storage to prevent the product lumping. There is no thermal decomposition if used as directed. In case of complete combustion the decomposition products carbon dioxide (CO<sub>2</sub>) and water (H<sub>2</sub>O) are formed.

## SECTION 11: TOXICOLOGICAL INFORMATION

This product is not toxic.

## SECTION 12: ECOLOGICAL INFORMATION

The base starch is not harmful to aquatic organisms and does not cause long-term adverse effects in the aquatic environment.

## SECTION 13: DISPOSAL INFORMATION

Disposal will depend upon the actual mud system and the regulations governing drilling muds in that part of the world where Drillamyl is intended for use. Existing EEC, National and Local Regulations must always be complied with.

## SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transportation.

## SECTION 15: REGULATORY INFORMATION

Generally this product is not subjected to the regulations for mandatory marking; however take into consideration the possible existence of local regulations.  
As a consequence of the classification rules, polymer products like derivatives don't have an EINECS or ELINCS number. Starch as product or raw material for derivatives of starch has the EINECS number 232-679-6.

## SECTION 16: OTHER INFORMATION

Risk Phrases referred to in this safety data sheet: not applicable

Drillamyl is an additive for use in drilling mud systems.

This information only concerns the above named product and may not be valid if used with other product(s) or in any process. This information is, to our best knowledge, correct and complete, but no guarantee can be given. It remains the responsibility of the user to make sure that the information is appropriate and complete for their particular use of the product.

If you have purchased this product for supply to a third party for use at work, it is your duty to take all necessary steps to ensure that any person handling or using the product is provided with the information on this sheet.

If you are an employer, it is your duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken.

Drillamyl is not obliged to be registered for REACH