

## TECHNICAL SAFETY GUIDANCE

INFORMATION PROVIDED UNDER ARTICLE 32 REGULATION REACH (1907/2006/EC) FOR SUBSTANCES NOT CLASSIFIED AS HAZARDOUS

Date: 10 February 2021  
Product name: DRALIG  
Substance ID: Humic acids, potassium salts (EC: 271-030-1, CAS: 68514-28-3)  
Reference number: 01-2119484861-29-0000  
Type of reference number: Registration according to Regulation (EC) n. 1907/2006 REACH

## INFORMATION ABOUT AUTHORIZATION ACCORDING TO TITLE VII OF REACH

By the date of issue of this document, the substance is not subject to authorization process under the REACH regulation. Also, the substance is not listed in the [Candidate List](#).

## INFORMATION ABOUT RESTRICTIONS ACCORDING TO TITLE VIII OF REACH

By the date of issue of this document, the substance is not subject to [restrictions](#) under the REACH regulation.

## OTHER RELEVANT INFORMATION

- The substance is NOT classified as dangerous to health and environment.
- The substance can cause sensitive individuals eye, skin or respiratory tract irritation.
- Chronic effects are not known.

## USE OF PRODUCT

The product is allowed only for following uses which are registered under the REACH regulation:

1	Specific use in forestry and agriculture: to increase fertilizing effectiveness, to make plants' root system easily ingest mineral nutrients, to improve plant growth
2	Drilling fluids: viscosity modifier, anti-filtering agent, inhibitor of disintegration of slate and clay stone
3	Reduction of water content in cement in the production of concrete mixtures, stabilization of kaolin mixtures in ceramic production (liquefaction agent)

## RECOMMENDED RISK MANAGEMENT MEASURES, USE OF PERSONAL PROTECTIVE EQUIPMENT

Provide sufficient ventilation, local exhaustion is recommended. Provide the workers with personal protective equipment relevant to the substance characteristics (gloves), instruction manual and suitable personal and environmental protection conditions.

Contaminated work cloths can be used again after careful cleaning. After the work is completed wash the hands and face with water and soap and treat the hands with a reparable cream.

- Respiratory tract protection: Respirator or facecloth (to be used as emergency protection) (when dust particles release)
- Hands and skin protection: Protective rubber gloves, Work clothes
- Eye protection: Protective chemical glasses in case of substance eye penetration

## FIRST-AID MEASURES

- Ingestion: Avoid ingestion of substance. If ingested, rinse mouth with water. Get medical aid.
- Inhalation: Avoid inhalation of dust. Ensure sufficiency of fresh air.
- Skin exposition: Wash the contaminated skin with running water.
- Eye exposition: Immediately flush eyes with a plenty of water.

## FIRE FIGHTING MEASURES

- The substance is not flammable.
- Suitable extinguishing media: water, water spray, foam.
- Do not use carbon dioxide or dry powder as extinguishing media, because the pulverized material could be dusted.
- Products arising from burning: CO, CO<sub>2</sub>, NO<sub>x</sub>, aerosols of carbon black
- Protective equipment for firefighters: Personal protective equipment and self-containing breathing apparatus.

## ACCIDENTAL RELEASE MEASURES

- Prevent entry of spills into sewers.
- Exclude unprotected persons from area of spill.
- Recover spilled material mechanically and transfer it into clean and dry containers with mechanical means – sweeping, hovering. Place the residues into a suitable waste container.

## HANDLING AND STORAGE

No special precautions are necessary for handling. Use common personal protective equipment. As the product is packaged in paper bags and transported on wood pallets it is only necessary to avoid bag disruption. Avoid dust formation.

No special precautions are necessary during storage. The substance should be stored in dry and clean areas (with respect to the packaging in paper bags).

## TRANSPORT INFORMATION

The substance is not classified as dangerous for transport.

## REACTIVITY

- The substance is stable under common conditions of use and storage.
- Conditions which must be prevented – contact with strong oxidants, risk of explosion danger
- Dangerous decomposition products – carbon dioxide, potassium oxide can release in case of fire.

## OTHER INFORMATION

Other information about the substance can be found in published registration dossier on ECHA website, [www.echa.europa.eu](http://www.echa.europa.eu) after searching the substance with ID such as EC number or CAS number.