



SAFETY DATA SHEET (91/155/EC)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

* Product name:
VAN DYCK CRYSTALS

* Supplier:
LIBERON
Mountfield Ind Est
New Romney
Kent, TN28 8XU
Tel: 0044 (0)1797 367555
Fax: 0044 (0)1797 367575

* Emergency phone number (to be used by the practising doctor):
UK - National Poisons Information Service Phone: 44 / 191 22 5131

2. COMPOSITION/INFORMATION ON INGREDIENTS

* Preparation name:
VAN DYCK CRYSTALS

* Component(s) contributing to the health hazard:
SODIUM SALTS OF HUMIC ACID
CAS NR: 68131-04-4
EINECS NR: 2686080

1310-73-2 Sodium Hydroxide
C;R 35 <2%

3. HAZARDS IDENTIFICATION

* Most important hazards:
None

* Specific hazards:
None

4. FIRST AID MEASURES

* General advice:
In all cases of doubt, or when symptoms persist, seek medical attention.

* Inhalation:
Seek medical treatment in case of complaints

* Skin contact:

Instantly wash with water and soap and rinse thoroughly.
If skin irritation persists, take medical advice.

* Eye contact:

Wash with plenty of water with eyes wide open after taking off soft contact lenses for a minimum of 20 mins and immediately take medical advice.

* Ingestion:

If accidentally swallowed rinse out mouth and drink plenty of water.
If symptoms persist consult a Doctor.

5. FIRE-FIGHTING MEASURES

* Suitable extinguishing media:

CO₂, extinguish powder or water jet. Fight larger fires with water jet or alcohol resistant foam.

* Specific fire hazard(s):

Carbon Monoxide can be released.

* Special protective equipment for fire-fighters:

Use a self-contained breathing apparatus and also a protective suit.

6. ACCIDENTAL RELEASE MEASURES

* Personal precaution(s):

Ensure adequate ventilation.
Avoid causing dust.

* Environmental precaution(s):

No special measures required.

* Method(s) for cleaning up:

Collect mechanically.

7. HANDLING AND STORAGE

* Handling

* - Precaution(s):

Ensure good ventilation/exhaustion at the workplace.

* - Technical condition(s):

Keep ignition sources away - Do not smoke
Dust can combine with air to form an explosive mixture

* Storage

* - Precaution(s):

Store in cool, dry conditions in well sealed containers.

* - Technical condition(s):

None.

* - Storage condition(s):

Keep container tightly closed and at a temperature not exceeding (°C): 45 °C
Keep away from sources of ignition - No smoking.

Store in a well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

* Engineering measure(s):

Ensure adequate ventilation, especially in confined areas.

*Components with critical values that require monitoring in the workplace.

MAK Value: 6mg/m³

* Personal protection equipment:

* - Respiratory protection:

Not necessary if room is well ventilated

* - Hand protection:

Wash hands during breaks and at the end of work.

Protective gloves

* - Skin and body protection:

Standard issue work clothes

* - Eye protection:

Wear closed safety glasses. or face shield

* Hygiene measure(s):

Do not eat, drink, or smoke during work.

Keep away from food, drink and animal feed.

Keep workplace clean and tidy as much as possible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state / form: scales

Colour: Brown

Odour: None

pH: 9.5 - 12.

Boiling point/range: Not determined

Flash point: Not applicable

Explosion limits: Not determined.

Relative density (water = 1): 1.30-1.40g/cm³

Viscosity: Not determined.

Water solubility: 97 g/l

Fat solubility: Not soluble

Solvent solubility: Not soluble

10. STABILITY AND REACTIVITY

* Stability:

Stable in use and storage conditions as recommended in item 7.

* Condition(s) to avoid:

No decomposition if used according to specifications

* Material(s) to avoid:

None

* Hazardous decomposition products:
None

11. TOXICOLOGICAL INFORMATION

* General information(s):
There is no data available on the product itself.

* Acute toxicity
* - Inhalation:
No data

* - Skin contact:
May cause irritation.

* - Eyes contact:
Irritant effect.

12. ECOLOGICAL INFORMATION

* General information(s):
There is no data available on the product itself.

Water hazard class (Self assessment) 1 : slightly hazardous for water

13. DISPOSAL CONSIDERATIONS

* Product Recommendation:
On the basis of the necessary technical regulations and after consultation with the disposal agent and the relevant authorities, can be deposited with domestic waste or incinerated with domestic waste.

* Contaminated packaging:
Disposal must be made according to official regulations.
Empty contaminated packagings thoroughly. They can be re-cycled after thorough and proper cleaning.

14. TRANSPORT INFORMATION

General information(s):
Not dangerous cargo
Keep separated from foodstuffs

15. REGULATORY INFORMATION

* Labelling:
This product has not been classified and labelled in accordance with EC Directives / relevant national laws.

Water Hazard Class:
Water Hazard Class 1 (Self Assessment); slightly hazardous for water

16. OTHER INFORMATION

* According legislation(s):

This safety data sheet is in compliance with EC directives and adaptations
no.:
91 / 155

* Important remarks:

Information in this safety data sheet is based on actual knowledge in our
possession and our experience.

It is recommended to pass the information of this safety data sheet,
eventually in an appropriated form, to the users.

No liability will be accepted (except as otherwise provided by law) arising
out of the use of information supplied in this data sheet.

* Restrictions:

This information relates to the specific material designated and may not be
Valid in combination with other product(s).

* History

- First edition date: 03/07/1996
 - Review date: 05/04/2002
 - Version: 3
 - Review chapter(s) n°: 2/3/14/15
- Written by: Mike Morris