

MATERIAL SAFETY DATA SHEET - EU
Velcon Filters LLC, 1210 Garden of the Gods Rd Colorado Springs, CO 80907

SECTION 1. IDENTIFICATION

PRODUCT NAME
HYDROKIT®

CHEMICAL NAME
Calcium carbonate with Organic dye

PRODUCT APPEARANCE AND ODOR
White powder which turns pink when exposed to water

MEDICAL EMERGENCY TELEPHONE NUMBER
719-531-5855

SECTION 2. COMPOSITION/ INFORMATION ON INGREDIENTS

COMPONENTS	EINEC NO. COMPONENTS	CAS NO. OF COMPONENTS	% W/W	Classification
Calcium Carbonate	215-279-6	1317-65-3	Approx 100%	R36/37/38
Organic Dye	Trade secret	Trade Secret	Less than 0.1%	S24/25/62/63/64

This product and all components are listed on the U.S. TSCA inventory.

SECTION 3. HAZARDS IDENTIFICATION

HEALTH HAZARDS

The product is classified as not dangerous following directive 1999/45/EC.

EYE CONTACT: Possible irritation

SKIN CONTACT: Possible irritation

INGESTION: Possible nausea

INHALATION: Possible irritation to nose and throat.

R36 Irritating to eyes
R37 Irritating to respiratory system
R38 Irritating to skin

ENVIRONMENTAL HAZARDS

The product is classified as not dangerous following directive 1999/45/EC.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Not applicable, unused materials do not pose a chemical hazard in small quantities

SECTION 4. FIRST AID MEASURES

EYE CONTACT

If dust gets into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN

In case of skin contact, remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation is present, contact a physician.

INHALATION

Avoid exposure to excessive concentrations of dust.
If inhaled, remove to fresh air.

INGESTION

If ingested, DO NOT induce vomiting; call
physician immediately

If not breathing, give artificial respiration and call a physician immediately.

SECTION 5. FIRE FIGHTING MEASURES

THE MATERIAL HAS ONLY MINIMAL FLAMMABLE CONTENT, IN THE FORM OF THE DYE, THEREFORE IT IS NOT FLAMMABLE.

FLASH POINT (MINIMUM)
Not applicable

AUTOIGNITION TEMPERATURE
Not applicable

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) - HAZARD IDENTIFICATION
Health Flammability Reactivity
BASIS
Not applicable

FLAMMABLE OR EXPLOSIVE LIMITS (APPROXIMATE PERCENT BY VOLUME IN AIR)
Estimated values: Not applicable

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES
Not applicable

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS
Not applicable

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Not applicable, unused materials do not pose a chemical hazard in small quantities. Contain any spill, collect with normal dust collection equipment.

The product, after use, in which it contains tested fuel, must be disposed of properly. The hazards are only related to the presence of fuel in the glass tube.

SECTION 7. HANDLING AND STORAGE

The chemical contents pose no handling or storage risk. The only risk is related to the glass tube, and breakage, which may cause bodily injury due to cuts of skin.

For proper performance, store the product in its packaging at room temperature indoors.

SECTION 8. EXPOSURE CONTROL/ PERSONAL PROTECTION

CONTAINS NO SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMIT VALUE

VENTILATION

Use local exhaust to capture dust, if necessary. Provide ventilation to minimize inhalation exposure and prevent buildup of explosive concentrations of dust in air. No smoking, flame or other ignition sources.

RESPIRATORY PROTECTION

Normally not needed, but use NIOSH-approved dust respirators if dusting occurs in open areas. Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

PROTECTIVE GLOVES

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact. Use caution when handling the glass test tube, as breakage can cause lacerations.

EYE PROTECTION

Use safety glasses or goggles when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT

Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin contact.

PERSONAL HYGIENE

Minimize breathing dust.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

The following data are approximate or typical values and should not be used for precise design purposes:

BOILING RANGE
Not applicable

VAPOR PRESSURE
Not applicable

SPECIFIC GRAVITY
2.8

MOLECULAR WEIGHT
Not applicable

PERCENT VOLATILE BY VOLUME
Not applicable

pH
Not applicable

VAPOR DENSITY (AIR = 1)
Not applicable

EVAPORATION RATE @ 1 ATM AND 25°C (77°F)
Not applicable

POUR, CONGEALING OR MELTING POINT
Not applicable

SOLUBILITY IN WATER @ 1 ATM AND 25°C (77°F)
Negligible; less than 0.1%

VISCOSITY
Not applicable

ODOR
Odorless

SECTION 10. STABILITY AND REACTIVITY

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

SECTION 11. TOXICOLOGICAL INFORMATION

SKIN IRRITATION: Can cause skin irritation in susceptible persons

EYE IRRITATION: Can cause eye irritation

INHALATION: Can cause nose and throat irritation

SECTION 12. ECOLOGICAL INFORMATION

CONTENTS POSE NO ECOLOGICAL HAZARD

SECTION 13. DISPOSAL CONSIDERATION

Dispose of unused tubes in accordance with local authority requirements. After use, remove rubber stopper and dispose of fuel using normal fuel disposal methods. Then dispose of used parts in accordance with local authority requirements.

SECTION 14. TRANSPORT INFORMATION

Road and rail transport: RID/ADR: not classified
Sea freight: IMDG/IMO: not classified
Air freight: ICAO/IATA: not classified

SECTION 15. REGULATORY INFORMATION

Classification according to dangerous substances and preparation norms:

R Phrases: R36/37/38
Risk symbol: None
S Phrases: S24/25/62/63/64

SECTION 16. OTHER INFORMATION

The information and recommendations contained herein are, to the best of Velcon's knowledge and belief, accurate and reliable as of date issued. Velcon does not warrant or guarantee their accuracy or reliability, and Velcon shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.

FOR ADDITIONAL INFORMATION ON HEALTH EFFECTS, CONTACT:

Hydrokit Manager
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Colorado Springs, CO 80907
719-531-5855

FOR OTHER PRODUCT INFORMATION, CONTACT:

VP Sales, Aviation Products
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