

Seditrol® Erythrocyte Sedimentation Rate Control Safety Data Sheet

Section 1 - Identification

Trade Name: Seditrol® Erythrocyte Sedimentation Rate Control

Catalog/Product Number: DSC01, DSC06

Manufacturer/Supplier:

ALCOR Scientific Incorporated
20 Thurber Boulevard
Smithfield, RI 02917
Telephone: (401) 737-3774

Information Department: Technical Services, Customer Support

Emergency Information: 1-800-424-9300 Use only in the event of a CHEMICAL EMERGENCY involving a SPILL, LEAK, FIRE, EXPLOSION or ACCIDENT

Recommended Use: Clinical Laboratory, In-vitro diagnostics reagent or component

Section 2 – Hazard(s) Identification

Classification of the substance or mixture:

The product is not classified, according to the Globally Harmonized System (GHS)

GHS label elements: Not Applicable

Single word: Not Applicable

Hazard statements: Not Applicable

Hazard pictograms: Not Applicable

NFPA (National Fire Protection Association) Rating – Scale 0-4

Health = 0

Fire = 0

Reactivity = 0

Precautionary Statements:

Contains human sourced and/or potentially infectious components

Other hazards:

Results of PBT and vPvB assessment are:

PBT = Not applicable

vPvB = Not applicable

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Section 3 – Composition/ Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with non-hazardous additions.

Composition: 10-20% Human Red Blood Cells and 80-90% water.
Concentration varies based on batch-to-batch variation and level-to-level variation.

Listing of dangerous and non-hazardous components: Not applicable.

Additional information: Contains human sourced and/or potentially infectious components

Section 4 – First Aid Measures

General Information: No special measures required.

Instruction by relevant routes of exposure:

Inhalation – Supply fresh air; consult doctor in case of complaints.

Skin - Immediately wash with water and soap and rinse thoroughly. Generally, the product does not irritate skin.

Eye – Rinse opened eye for several minutes under running water. Consult a physician.

Swallowing – Rinse mouth with water. Seek medical attention and appropriate follow-up.

Most important symptoms and effects, both acute and delay: Eye irritation.

Immediate medical attention and special treatment: No further relevant information.

Section 5 – Fire-Fighting Measures

Extinguishing Equipment: Use fire fighting measures that suit the environment.

Specific Hazards: No further relevant information available.

Protective equipment Recommendations: No special measures required.

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Section 6 – Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures:

Handle as potentially infectious.

Environmental precautions:

Dilute with plenty of water.

Do not allow to enter sewers/surface or ground water.

Keep contaminated washing water and dispose of appropriately.

Methods and material for containment and cleaning up:

Clean the affected area carefully.

Suitable cleaners are a disinfectant.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Section 7 – Handling and Storage

Precautions for safe handling: No special precautions are necessary if used correctly.

Protection against explosions and fires: No special measures required.

Conditions for safe storage, including incompatibilities: Refer to *Instructions for Use*.

Specific storage requirements: No further relevant information available.

Section 8 – Exposure Controls / Personal Protection

Exposure Limits: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: None

Personal Protective Equipment (PPE):

Follow the usual biosafety practices for handling infectious materials.

Follow the usual biosafety practices for handling potentially infectious materials.

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Section 8 – Exposure Controls / Personal Protection (cont'd)

Special requirements for PPE:

Respiratory Equipment: Not required

Protection of hands: Protective gloves. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a predation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. The exact break through time must be found out by the manufacturer of the protective gloves and ahs to be observed.

Protection of eyes: Safety glasses

Protection of body: Protective work clothing.

Section 9 – Physical and Chemical Properties

Form = Liquid

Color = Red

Odor = Light

Odor Threshold = Not determined

pH value at 20°C = 7.5

Melting point/Melting Range: Undetermined

Boiling point/Boiling range: Undetermined

Flashpoint: Not applicable, Not determined

Evaporation rate: Not determined

Flammability (solid, gaseous): Not applicable

Solvent content:

Organic solvents = 0.3%

Water = 83.45

Explosion limits: Not determined

Vapor pressure: Not determined

Vapor density: Not determined

Relative density: Not determined

Solubility in / Miscibility with water: Fully miscible

Partition coefficient (in octanol/water): Not determined

Auto igniting: Product is not self-igniting

Decomposition temperature: Not determined

Viscosity: Not determined (dynamic or kinematic)

Solids Content = 16.4%

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Section 10 – Stability and Reactivity

Reactivity: No further relevant information available.
Chemical stability: No decomposition if used according to specifications.
Hazardous reactions: No dangerous reactions known.
Conditions to avoid: No further relevant information available.
Incompatible materials: No further relevant information available.
Hazardous decomposition products: No dangerous decomposition products known.

Section 11 – Toxicological Information

Exposure routes:
Skin = No irritant effect.
Eye = No irritant effect.
Sensitization: No sensitizing effects known
Additional toxicological information: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
Carcinogenic categories:
National Toxicology Program (NTP) – None of the ingredients are listed.
International Agency for Research on Cancer (IARC) – Proprietary Reagent T
OSHA-Ca – None of the ingredients are listed.

Section 12 – Ecological Information (non-mandatory)

Aquatic and/or terrestrial toxicity: No further relevant information available.
Persistence and degradability: No further relevant information available.
Bio accumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.
General notes: Water hazard class 1 (German regulation) (Self-assessment): Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Results of PBT and vPvB assessment:
PBT = Not applicable
vPvB = Not applicable
Other adverse effects: No further relevant information available.

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Section 13 – Disposal Considerations (non-mandatory)

Recommended waste treatment methods: Dispose of waste in accordance to applicable national, regional, and local regulations.

Recommended unclean packaging: Disposal must be made according to official regulations.

Section 14 – Transport Information (non-mandatory)

UN number (DOT, ADR, AND, IMDG, IATA): Not regulated

UN Proper Shipping Name (DOT, AND, IMDG, IATA, ADR): Not regulated

Transport hazard classes (DOT, ADR, AND, IMDG, IATA): Not regulated

Packing group (DOT, ADR, IMDG, IATA): Not regulated

Environmental hazards – Marine pollutant: No

Special precautions for user: Not applicable

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

UN Model Regulation: Not regulated

Section 15 – Regulatory Information (non-mandatory)

SARA (Superfund Amendments and Reauthorization Act of 1986- USA)

Section 302/304 (40CFR355.30/40CFR355.40): Substance not listed.

Section 313 (40CFR372.65): Substance not listed.

TSCA (Toxic Substance Control Act)

7732-18-5: Water – Active

7647-14-5: Sodium chloride – Active

122-99-6: 2-Phenoxyethanol - Active

7558-79-4: Disodium hydrogenorthophosphate - Active

7447-40-7: Potassium chloride – Active

Proprietary Reagent T –

6381-92-6: Ethylenediaminetetraacetic acid disodium salt dihydrate – Active

7558-80-7: Monosodium phosphate – Active

Proprietary Reagent E - Active

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Section 15 – Regulatory Information (non-mandatory) (cont'd)

California Proposition 65

Chemicals known to cause cancer: This product does not contain listed components. **Chemicals known to cause reproductive toxicity for females:** None
Chemicals known to cause reproductive toxicity for males: None
Developmental toxicity: Proprietary Reagent J15
Section 313 (40CFR372.65): Substance not listed.

Carcinogenic categories

EPA (Environmental Protection Agency): None of the ingredients listed
TLV (Threshold Limit Value established by ACGIH): None of the ingredients listed.
MAK (German Maximum Workplace Concentration): None of the ingredients listed.
NIOSH-CA (National Institute for Occupational Safety and Health): None

National regulations – Technical instructions (air):

Class	Share in %
NK	0.1 – 1 %

Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water
Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Section 16 – Other Information

This information is based on the original manufacturer's present knowledge. This shall not constitute a guarantee for any specific product features and shall not establish a legally contractual relationship.

Guidance – OSHA Brief, Hazard Communication Standard (HCS) based on 29 CFR 1910.1200, 2012