



Safety Data Sheet

according to Regulation (EC)
No 1907/2006 (REACH)

Revision: 26/10/2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier: *TurfSolv*[®]

Trade name: *TurfSolv*[®] Brand Solutions

Product code: TS-25 and TS-1

Recommended use and restriction on use

Recommended use: Plant/crop Biostimulant, Soil Amendment

Restrictions on use: Use only on non-flowering plants

Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier:

Global BioClean Ltd

52 Aldgate, Ketton, Peterborough, Lincolnshire. Tel: +44 (0)1780 757080

Emergency telephone number: +44 (0)7900 692052

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

Label elements

Labelling according to Regulation (EC) No 1272/2008 None

Hazard pictograms None

Signal word None

Hazard statements None

Other hazards None

SECTION 3: Composition/information on ingredients

Chemical characteristics: Mixtures

Components: None in reportable quantities

SECTION 4: First Aid Measures

Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor

After eye contact: Check for and remove any contact lenses. Rinse opened eye for several minutes under running water. Get medical attention if symptoms persist.

After swallowing: Rinse out mouth and drink plenty of water. Get medical attention if symptoms persist. Do NOT induce vomiting.



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Most important symptoms and effects, both acute and delayed:

Gastric or intestinal disorders when ingested. Nausea in case of ingestion.

Indication of any immediate medical attention and special treatment needed:

No information available

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing agents: The product is non-flammable. Use firefighting measures that suit the environment

Special hazards arising from the substance or mixture

formation of toxic gases is possible during heating or in case of fire

Advice for firefighters

Protective equipment:

Wear fully protective suit.

Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Environmental precautions: Avoid release into the environment

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable receptacles.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling & storage

Handling

Precautions for safe handling: Use only in well ventilated areas.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles: Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility: Store away from foodstuffs. Store away from



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oxidizers, strong acids, strong bases.

Further information about storage conditions:

Store in cool, dry conditions in securely sealed receptacles.

Specific end use(s): No relevant information available.

SECTION 8: Exposure controls/personal protection

Control parameters

Components with limit values that require monitoring at the workplace:

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

Exposure controls

Personal protective equipment: Select appropriate PPE for the operations taking place taking into account the product properties.

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work. Avoid breathing mist, vapors, or spray.

Avoid contact with the eyes.

Avoid close or long term contact with the skin.

Engineering controls: No relevant information available.

Breathing equipment: Not required under normal conditions of use.

Protection of hands:



Protective gloves

Gloves are advised for repeated or prolonged contact.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Eye protection:



Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

Body protection: Not required under normal conditions of use.

Limitation and supervision of exposure into the environment

No relevant information available.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance:

Form: Liquid

Color: Amber colored

Odor: Slight

Odor threshold: Not determined.

pH-value: Slightly alkaline

Melting point/Melting range: Not determined.



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Boiling point/Boiling range:	100 °C (212 °F)
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits	
Lower:	Not determined.
Upper:	Not determined.
Oxidizing properties:	Not determined
Vapor pressure:	Not determined.
Density:	Not determined.
Relative density:	Not determined.
Vapor density:	Not determined.
Evaporation rate:	Not determined.
Solubility in / Miscibility with	
Water:	Fully miscible.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity	
Dynamic:	Not determined.
Kinematic:	Not determined.
Other information	No relevant information available.

SECTION 10: Stability and reactivity

Reactivity:	No relevant information available.
Chemical stability:	Stable under normal temperatures and pressures.
Thermal decomposition / conditions to be avoided:	
No decomposition if used and stored according to specifications.	
Possibility of hazardous reactions:	
Toxic fumes may be released if heated above the decomposition point.	
Reacts with strong acids and oxidizing agents.	
Conditions to avoid:	Excessive heat.
Incompatible materials:	Oxidizers, strong bases, strong acids
Hazardous decomposition products:	
Carbon monoxide and carbon dioxide	
Possible in traces:	Nitrogen oxides (NO _x)

SECTION 11: Toxicological information

Information on toxicological effects

LD/LC50 values that are relevant for classification:	None.
Inhalation	No adverse effects due to inhalation are expected
Skin contact	Irritant to skin and mucous membranes.
Eye contact	Strong irritant with the danger of severe eye injury.
Ingestion	Expected to be low ingestion hazard
Acute toxicity	Not available
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation
Serious eye damage/eye	



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irritation	Direct contact with eyes may cause temporary irritation
Respiratory sensitisation	Not a respiratory sensitizer
Skin sensitization	This product is not expected to cause skin sensitization
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

Toxicity

Aquatic toxicity:	No relevant information available.
Persistence and degradability:	Biodegradable.
Bioaccumulative potential:	No relevant information available.
Mobility in soil:	No relevant information available.

Additional ecological information

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage systems.

Results of PBT and vPvB assessment

PBT:	Not applicable.
vPvB:	Not applicable.

Other adverse effects: No relevant information available.

SECTION 13: Disposal considerations

Waste treatment methods

Recommendation:

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Contaminated packaging

Recommendation:	Disposal must be made according to official regulations.
Recommended cleansing agent:	Water, if necessary with cleansing agents.

SECTION 14: Transport information

UN-Number ADR,



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ADN, IMDG, IATA	Void
UN proper shipping name ADR, ADN, IMDG, IATA	Void
Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
Packing group · ADR, IMDG, IATA	Void
Environmental hazards: Marine pollutant:	No
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
Transport/Additional information: UN "Model Regulation":	Not dangerous according to the above specifications. Void

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients are listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bio accumulative and Toxic

PNEC: Predicted No-effect Concentration (REACH)



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SVHC: Substances of Very High Concern
VOC: Volatile Organic Compounds (USA, EU)
vPvB: very Persistent and very Bioaccumulative

Sources

Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: ISBN: 978-0-470-07488-6
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.
Safety Data Sheets, Individual Manufacturers

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