

## SAFETY DATA SHEET

In accordance with ISO 11014: 2009

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### Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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**Product identifier**

Product code 4-DF-004  
4-DP-004  
Product name House Dust Mite Extract, Whole Culture (Df) (Contains 50% glycerol)  
House Dust Mite Extract, Whole Culture (Dp) (Contains 50% glycerol)

**Manufacture/supplier**

Manufacture/supplier Institute of Tokyo Environmental Allergy, ITEA Inc.  
Department in Charge Quality Assurance Sec.  
Address 1-33-18 Hakusan Bunkyo-ku Tokyo, 113-0001 Japan  
Telephone number +81-3-3526-2031  
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e-mail address reag-info@itea.jp  
Emergency telephone number +81-3-3526-2031

**Recommended use and restriction on use**

Recommended use Research reagent  
Restrictions on use This product should not be used for applications other than those recommended.

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### Section 2: HAZARDS IDENTIFICATION

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**Important hazards****GHS classification**

**Physical Hazards** Not classified  
**Health Hazards** Not classified  
**Environmental Hazards** Not classified

**Label Elements**

Pictogram Not classified  
Signal word Not classified  
Hazard Statements Not classified  
Precautionary Statements Not classified

**Other hazards** No information

**Important symptoms and an outline of an anticipated emergency**

No information

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### Section 3: COMPOSITION/ INFORMATION ON INGREDIENTS

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**Substance/Mixture**

Mixture

**Compositions**

Chemical name/ Generic name	CAS number	Concentration (wt %)
Glycerol	56-81-5	≤ 51.29
Purified water	7732-18-5	≤ 41.27
Raw material (*)-derived ingredients	-	≥ 6.95
Sodium chloride	7647-14-5	≤ 0.33
Sodium phosphate dibasic heptahydrate	7782-85-6	≤ 0.11
ProClin™ 950	-	≤ 0.03
Potassium dihydrogenphosphate	7778-77-0	≤ 0.01
Potassium chloride	7447-40-7	≤ 0.01

\*1 The raw material of each product is the following:

4-DF-004: House dust mites, Dermatophagoides farinae, culture medium (CAS number: -)

4-DP-004: House dust mites, Dermatophagoides pteronyssinus, culture medium (CAS number: -)

### Special remarks

ProClin™ 950 includes the following:

2-Methyl-4-isothiazolin-3-one (CAS number: 2682-20-4) < 10% (< 0.003% in this product)

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## Section 4: FIRST-AID MEASURES

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### First aid procedures

IF INHALED

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

If you feel unwell, get medical advice/attention immediately and at rest.

IF ON SKIN

Rinse with plenty of water.

If abnormality, immediately get medical advice/attention.

IF IN EYES

Immediately rinse cautiously with water for 15 - 20 minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately get medical advice/attention.

IF SWALLOWED

Rinse mouth. Immediately get medical advice/attention.

### Anticipated acute effects, anticipated delayed effects and most important symptoms/effects

May cause skin, eyes and respiratory system irritation or cause allergic reaction if contact with or inhaled this product.

### Protection of first-aiders

Wear appropriate eyes and skin protective equipment.

### Note to an attending physician

No information

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## Section 5: FIRE-FIGHTING MEASURES

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### Extinguishing media

#### Suitable extinguishing media

In case of fire, use water spray, dry extinguishant, fire foam or carbon dioxide.

#### Unsuitable extinguishing media

No restrictions on extinguishing media for this product.

### Specific hazards arising from the chemical

Take action from windward.

Keep out except responsible personnel.

Move container to a safe area if it can be done without risk.

### Protective equipment and precautions for firefighters

Fire fighters should wear appropriate protective equipment and fireproof clothing.

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## Section 6: ACCIDENTAL RELEASE MEASURES

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### Personal precautions

Wear suitable protective equipment described in section "Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION".

### Environmental precautions

Prevent to flowing into drains, sewers, basements or closed areas.

### Methods and materials for containment and cleaning up

Absorb into liquid absorbent, etc., and collect in an empty container.

## Secondary disaster prevention measures

No information

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### Section 7: HANDLING AND STORAGE

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#### Handling

Technical measures	Install appropriate equipment and wear suitable protective apparatus described in section "Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION".
Precautions such as local /total ventilation	Handle the product in a well-ventilated area. In case of mist/vapours generation, use local ventilation.
Precautions for safe handling	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.
Prevention of contact	Avoid direct sunlight, high temperature.

#### Storage

Technical measures	Store in a biomedical freezer at -20°C.
Incompatible materials and mixtures	No information
Conditions for safe storage	Store at -20°C. Storage at -20°C or less may cause frozen.
Packing material	Polypropylene

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### Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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#### Permissible concentration

##### Occupational Exposure Limits

Does not contain ingredients for which occupational exposure limits have been established.

#### Engineering controls

Use eye wash stations, ventilation systems, etc. if necessary.

#### Personal protective equipment

Respiratory protection	Wear an appropriate protective mask.
Hand protection	Wear protective gloves.
Eye protection	Wear safety glasses .
Skin and body protection	Wear a lab coat.

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### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance (physical state, form and colour)</b>	Clear and colourless liquid
<b>Odour</b>	No information
<b>Odour threshold</b>	No information
<b>pH</b>	No information
<b>Melting point/ freezing point</b>	No information
<b>Boiling point, initial boiling point and boiling range</b>	No information
<b>Flashpoint</b>	No information
<b>Evaporation rate</b>	No information
<b>Flammability</b>	No information
<b>Upper/lower explosive limits</b>	No information
<b>Vapour pressure</b>	No information
<b>Vapour density</b>	No information
<b>Specific gravity</b>	No information
<b>Solubility</b>	This product is miscible with water.
<b><i>n</i>-octanol/water partition coefficient</b>	No information
<b>Auto-ignition temperature</b>	No information
<b>Decomposition temperature</b>	No information
<b>Viscosity</b>	No information
<b>Other information</b>	No information

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**Section 10: STABILITY AND REACTIVITY**


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<b>Chemical stability</b>	Stable under normal handling condition.
<b>Hazardous reactions</b>	No hazardous reaction expected under normal handling.
<b>Conditions to avoid</b>	Direct sunlight, high temperature
<b>Incompatible materials</b>	No information
<b>Hazardous decomposition products</b>	No information

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**Section 11: TOXICOLOGICAL INFORMATION**


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<b>Toxicological information for product</b>	No information
<b>Toxicological information for ingredients</b>	No information

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**Section 12: ECOLOGICAL INFORMATION**


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<b>Ecological information for product</b>	
Ecotoxicity	No information
Persistence and degradability	No information
Bioaccumulative potential	No information
Mobility in soil	No information
Hazardous to the ozone layer	No information
<b>Ecological information for ingredients</b>	No information

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**Section 13: DISPOSAL CONSIDERATIONS**


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**Remaining product**

Dispose of waste in accordance with applicable local, regional and international regulations and standards.

**Contaminated containers and packaging**

When dispose of empty containers, contents should be removed completely and be recycled or dispose of in compliance with related laws and local regulations.

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**Section 14: TRANSPORT INFORMATION**


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**International regulation**

UN number	Not applicable
UN proper shipping name	Not applicable
Transport hazard class(es)	Not applicable
Subsidiary risk	Not applicable
Packing group	Not applicable
Marine pollutant	Not applicable
IBC Code	Not applicable

When transporting, confirm no damage to containers. Avoid handling violently or leaking wet. Load to prevent fall or falling down containers and take preventive measures of collapse.

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**Section 15: REGULATORY INFORMATION**


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**US Federal regulation**

TSCA inventory:	Registered	Sodium chloride Potassium dihydrogenphosphate Potassium chloride 1,2,3-Propanetriol 3(2H)-Isothiazolone, 2-methyl-
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**EU regulation**

The product and its ingredients are not regulated by specific provisions related to protection of human health or

the environment at EU level, e.g. not considered as SVHCs or POPs.  
(EC) 1272/2008 (Annex VI, Table 3): Not Listed

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**Section 16: OTHER INFORMATION**

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**Reference**

Information of Institute of Tokyo Environmental Allergy, ITEA Inc.  
NITE GHS classification results (<http://www.safe.nite.go.jp/ghs/list.html>). (2018)  
ACGIH, American Conference of Governmental Industrial Hygienists (2018) TLVs and BEIs.

**[Disclaimer]**

This SDS has been prepared on the basis of laws, regulations and information available at this time. It is user's responsibility to modify or update any contents in this SDS regarding information on hazardous properties and/or instruction for safe handling of the product when they become available. Precautionary measures in this SDS are only applicable for normal handling conditions and it is necessary to take appropriate additional measures to ensure safe handling which depend on your specific use conditions or situations.