

Useable for:

IL E-3200 IL-6-ELISA

Single components with dangerous ingredients:

REF: IL E-3280 Stop Solution STOP-SOLN

Not listed single components contain no hazardous substances in concentrations to be declared, a labelling is not required.

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

1.1 Product identifier

Trade name:

Stop Solution**STOP-SOLN**

Article number:

IL E-3280

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses:

laboratory reagent / Immunoassay

The product is intended for professional use.

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier:

LDN Labor Diagnostika Nord GmbH & Co. KG

Am Eichenhain 1

48531 Nordhorn, Germany

Phone +49 5921 8197 200

Fax +49 5921 8197 201

E-Mail support@ldn.de

1.4 Emergency telephone number

+49 5921 8197 200

2 Hazards identification

2.1 Classification of the substance or mixture

2.2.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

Stop Solution

Skin corrosive 1B

2.2.2 Classification according to Directive 1999/45/EC

Stop Solution

Irritation

2.2.3 Additional Information

none

2.2 Label elements

Labeling according to Regulation (EC) No 1272/2008 (CLP)

Stop Solution:



Signal word:

Danger

Hazard statements:

H314

Precautionary statements:

P280

P301 + 330 + 331

P305 + 351 + 338

P309 + 311

2.3 Other hazards

Anti-IL-6-HRP Conjugate & Incubation Buffer
Contains material of bovine origin

Calibrators 0 to 5, Controls 1 and 2, Specimen Diluent
Contains material of human origin. Although these materials have been tested for HBsAg, anti-HCV and anti-HIV-1/2 and have been found not reactive, they should be considered as potentially infectious

3 Composition / information on ingredients

Hazardous ingredients:

Component	Classification	Concentration
Stop Solution		
Hydrochloric Acid		
CAS-No. 7647-01-0	Skin Corrosive CAT 1B, H314 Xi	< 5%
EC-No. 231-595-7		
Index-No. 017-002-01-X		

4 First aid measures

4.1 Description of first aid measures

All Kit Components

After ingestion:

- Wash out mouth with water provided person is conscious
- Consult a physician immediately
- Do not induce vomiting (only applies to Stop Solution)

After inhalation:

- Transfer the person to an open place
- If he does not breathe, proceed to artificial respiration
- If breathing is difficult, give oxygen

After skin contact:

- Wash immediately with plenty of water for at least 15 minutes
- Remove contaminated clothing and shoes
- Consult a physician

After eye contact:

- Wash immediately with plenty of water for at least 15 minutes
- Consult a physician

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5 Firefighting measures

All Kit Components

Suitable extinguishing media:

- All non combustible extinguishing media allowed

Unsuitable extinguishing media:

- No data available

Special exposure hazards:

- No generation of hazardous or toxic gases in dangerous quantities

Instructions:

- Due to small quantities: no special instructions apply

Special protective equipment for firefighters:

- Due to small quantities: no special instructions apply

6 Accidental release measures

All Kit Components

Personal protection: see 8

Environmental precautions:

- Prevent soil and water pollution
- Discharge according to local regulations

Clean-up:

- Take up liquid spill into absorbent material
- Discharge of absorbed material according to local regulations
- Clean contaminated surfaces with an excess of water
- Wash clothing and equipment after handling

7 Handling and storage

All Kit Components

Handling:

- Observe normal hygiene standards
- Discharge according to local regulations
- Remove and clean contaminated clothing
- Handle and open the container with care

Storage:

- Keep container tightly closed
- Meet the legal requirements
- Keep away from: heat sources, combustible materials, acids, metals
- Storage temperature: see component label

8 Exposure controls / personal protection

8.1 Control parameters

Components with workplace control parameters

Component	No. Value	Control parameters	Basis
Hydrochloric Acid CAS 7647-01-0	TWA	5 ppm 8 mg/m ³	Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
	STEL	10 ppm 15 mg/m ³	
	TWA	1 ppm 2 mg/m ³	UK. EH40 WEL - Workplace Exposure Limits
	STEL	5 ppm 8 mg/m ³	

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.2.2 Personal protection equipment

All Kit Components

Respiratory Protection

- Use respirators

Hand Protection

- Chemical resistant Gloves

Eye Protection:

- Chemical Safety goggles
- Face shields

Skin Protection:

- Protective Clothing

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Microtiter Plate:

plate

Controls 1 and 2, Specimen Diluent, Calibrators 0 to 5:

Lyophilized, soluble in water

Incubation Buffer, Washing Solution, Concentrated Chromogen, Stop Solution, Anti-IL-6-HRP Conjugate:

Liquid

9.2 Other data

No data available

10 Stability and reactivity

All kit Components

Stability:

All components are stable until expiry date if stored in specified conditions (see label)

Reactivity/Hazardous decomposition products:

No hazardous decomposition products are formed in high quantities

Conditions/Materials to avoid:

None known

11 Toxicological information

11.1 Information on toxicological effects

HCl:

Acute toxicity

No data available

Skin corrosion/irritation

Skin - rabbit - Causes burns

Serious eye damage/irritation

Eyes - rabbit - Corrosive to eyes

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable,

Reproductive toxicity
STOT-single exposure

STOT-repeated exposure
Aspiration hazard
Potential Health effects

Signs and Symptoms of Exposure

Additional information

possible or confirmed human carcinogen by IARC.

No data available

The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

No data available

No data available

Inhalation:

- May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract. Causes respiratory tract irritation.

Ingestion:

- May be harmful if swallowed. Causes burns

Skin:

- May be harmful if absorbed through skin. Causes skin burns

Eyes:

- Causes eye burns

burning sensation, cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin

RTECS: MW4025000

12 Ecological information

12.1 Toxicity

Aquatic toxicity

HCI: Toxicity to fish LC50 - Gambusia affinis (Mosquito fish) - 282 mg/l - 96 h

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

13 Disposal considerations

Provisions relating to waste:

- Hazardous waste (91/689/EEC)

Packaging/container:

- Waste material code packaging (91/689/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 15 01 10 (packaging containing residues of or contaminated by dangerous substances)

Disposal methods:

- Tested specimens, anti-IL-6-HRP conjugate, Specimen diluent, calibrators 0 to 5, Incubation Buffer, Controls 1 and 2, are potentially infectious. They should be disposed of following established safety procedures and local regulations.
- All the kit components must be considered as hazardous waste. They should be disposed of following local regulations.

14 Transport information

Not applicable.

15 Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the mixture

No data available

15.2 Chemical Safety Assessment

No data available

16 Other information

16.1 Indication of changes

Not applicable

16.2 Abbreviations and acronyms

Xi irritation

16.3 Key literature references and sources for data

SDS sheets provided by suppliers of raw materials

16.4 Classification and procedure used to derive the classification for mixtures according to regulation EC 1272/2008 – CLP

Classification of mixtures is based on the calculation method.

16.5 Relevant R-phrases and/or H-P statements

H314 Causes severe skin burns and eye damage

- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection
- P301+330+331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P309+311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician

16.6 Training advice

This product is designed for use by professionals.

16.7 Further information

NOTE: The safety analysis of the lyophilized components in this kit has been performed on the reconstituted components. Therefore, the information in this SDS and product labeling relates to the components as they will be used, i.e. after reconstitution.

The human blood components included in this kit have been tested by European approved and/or FDA approved methods and found negative for HBsAg, anti-HCV and anti-HIV-1 and 2. No known method can offer complete assurance that human blood derivatives will not transmit hepatitis, AIDS or other infections. Therefore, handling of reagents, serum or plasma specimens should be in accordance with local safety procedures.

All animal products and derivatives have been collected from healthy animals. Bovine components originate from countries where BSE has not been reported.

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