Useable for:

<table>
<thead>
<tr>
<th>BA E-8400</th>
<th>Metanephrine Urine ELISA Fast Track</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA E-8500</td>
<td>Normetanephrine Urine ELISA Fast Track</td>
</tr>
<tr>
<td>BA E-8600</td>
<td>2-MET Urine ELISA Fast Track</td>
</tr>
</tbody>
</table>

Single components with dangerous ingredients:

| REF: BA E-0080 | Stop Solution | STOP-SOLN |
| REF: BA R-0012 | Acylation Concentrate | ACYL-CONC |

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
Article number: BA E-0080

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

REGULATION (EC) No 1272/2008
Corrosive to metals, Category 1, H290

2.2 Label elements

REGULATION (EC) No 1272/2008
Hazard pictograms:

Signal word:
Warning
Hazard statements:
H290 May be corrosive to metals.
Precautionary statements:
P234 Keep only in original packaging.
P390 Absorb spillage to prevent material damage.

2.3 Other hazards
None known.

3 Composition / information on ingredients

3.1 Substances
Not applicable.
3.2 Mixtures
Composition / information on ingredients
CAS: 7664-93-9 sulphuric acid ≥ 1 % - < 5 %
H290; H314
Additional information
For the full text of the H-Statements mentioned in this section, see section 16.

4 First aid measures

4.1 First aid measures
After inhalation: fresh air, consult doctor in case of complaints.
After skin contact: wash off with plenty of water. Remove contaminated clothing.
After eye contact: rinse out with plenty of water with the eyelid held wide open. Call in ophthalmologist if necessary.
After swallowing: drink water (two glasses at most). Consult doctor if feeling unwell.

4.2 Most important symptoms and effects, both acute and delayed
Irritant effects.

4.3 Indication of any immediate medical attention and special treatment needed
No information available.

5 Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media:
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media:
For this substance / mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture
Not combustible.
Ambient fire may liberate hazardous vapours.

5.3 Advice for firefighters
Special protective equipment for firefighters:
In the event of fire, wear self-contained breathing apparatus.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Advice for non-emergency personnel: Do not breathe vapours, aerosols. Evacuate the danger area, observe emergency procedures, consult an expert.
Advice for emergency responders: Protective equipment see section 8.

6.2 Environmental precautions
No special precautionary measures necessary.

6.3 Methods and materials for containment and cleaning up
Observe possible material restrictions! Take up with liquid-absorbent and neutralising material. Dispose of properly. Clean up affected area.
6.4 **Reference to other sections**
Indications about possible material restrictions see sections 7 and 10 and about waste treatment see section 13.

7 **Handling and storage**

7.1 **Precautions for safe handling**
Advice on safe handling:
Observe label precautions.
Hygiene measures:
Change contaminated clothing. Wash hands after working with substance.

7.2 **Conditions for safe storage, including any incompatibilities**
Storage conditions:
Tightly closed and dry.

7.3 **Specific end use(s)**
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 **Exposure controls / personal protection**

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

8.2 **Exposure controls**
Engineering measures:
Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.
See section 7.1.

Individual protection measures:
General protective and hygienic measures:
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately. Avoid contact with the eyes and skin.
Respiratory protection:
In case of good room ventilation, not necessary.
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Protection of hands:
Protective gloves.
Material of gloves:
Chemical protection gloves are to be selected according to the concentration and quantity of the hazardous substance concentration and quantity in workplace.
The glove material has to be impermeable and resistant to the product / the substance / the preparation.
The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374.
Eye protection:
Tightly sealed goggles.
9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form: liquid
Colour: colourless
Odour: odourless
Odour Threshold: Not applicable
pH: ca. 1.0 at 20 °C
Melting point: No information available
Boiling point/boiling range: No information available
Flash point: No information available
Evaporation rate: No information available
Flammability (solid, gas): No information available
Lower explosion limit: No information available
Upper explosion limit: No information available
Vapour pressure: No information available
Relative vapour density: No information available
Density: ca. 1.02 g/cm³ at 20 °C
Relative density: No information available.
Water solubility: at 20 °C soluble
Partition coefficient: n-octanol/water: No information available
Auto-ignition temperature: No information available
Decomposition temperature: No information available
Viscosity, dynamic: No information available
Explosive properties: Not classified as explosive
Oxidizing properties: none

9.2 Other data
Corrosion: May be corrosive to metals.

10 Stability and reactivity

10.1 Reactivity
No further relevant information available.

10.2 Chemical stability
The product is chemically stable under standard ambient conditions (room temperature).

10.3 Possibility of hazardous reactions
No further relevant information available.

10.4 Conditions to avoid
No further relevant information available.
10.5 Incompatible materials
No further relevant information available.

10.6 Hazardous decomposition products
No dangerous decomposition products known.

11 Toxicological information

11.1 Information on toxicological effects

- **Acute toxicity**
  No information available.

- **Skin corrosion/irritation**
  Causes skin irritation.

- **Serious eye damage/irritation**
  Causes eye irritation.

- **Respiratory or skin sensitisation**
  No sensitizing effects known.

- **Germ cell mutagenicity**
  No information available.

- **Carcinogenicity**
  No information available.

- **Reproductive toxicity**
  No information available.

- **STOT-single exposure**
  No information available.

- **STOT-repeated exposure**
  No information available.

- **Aspiration hazard**
  No information available.

11.2 Additional information
On the basis of the morphology of the product, no hazardous properties are to be expected when it is handled and used with appropriate care.
Handle in accordance with good industrial hygiene and safety practice.

12 Ecological information

12.1 Toxicity
No further relevant information available.

12.2 Persistence and degradability
No further relevant information available.

12.3 Bioaccumulative potential
No further relevant information available.

12.4 Mobility in soil
No further relevant information available.
12.5 Results of PBT and vPvB assessment
Substance(s) in the mixture do(es) not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII, or a PBT/vPvB assessment was not conducted.

12.6 Other adverse effects
No further relevant information available.

13 Disposal considerations

13.1 Waste treatment methods
Dispose of packaging according to applicable local, state, and federal regulations. Packaging’s that may not be cleansed are to be disposed of in the same manner as the product.

14 Transport information
This product is part of a kit. Information in this section refers to the kit as a whole.

14.1 UN No.
3264

14.2 UN Proper shipping name
CORROSIVE LIQUID, ACIDIC, INORGANICS, N.O.S.

14.3 Class
8

14.4 Packing group
III

14.5 Environmental hazards
None.

14.6 Special precautions for user
None.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not relevant

15 Regulatory information

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

EU regulations
Major Accident Hazard: SEVESO III
Not applicable
Employment restrictions:
Observe employment restrictions in accordance with the youth employment protection regulations (94/33 / EC).
Substances of very high concern (SVHC):
This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH).

National legislation
Water hazard class: 
not water hazardous
Storage class:
 8B

15.2 Chemical Safety Assessment
For this product a chemical safety assessment was not carried out.

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.

Relevant phrases:
H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.

Department issuing SDS:
Safety Representative

Contact:
LDN
1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
Trade name: Acylation Concentrate
Article number: BA R-0012

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
Email  support@ldn.de

1.4 Emergency telephone number
+49 5921 8197 200

2 Hazards identification

2.1 Classification of the substance or mixture
REGULATION (EC) No 1272/2008
Skin corrosion, Category 1B, H314

2.2 Label elements
REGULATION (EC) No 1272/2008
Hazard pictograms:

Signal word:
Danger

Hazard statements:
H314 Causes severe skin burns and eye damage.

Precautionary statements:
P260 Do not breathe fume/vapours.
P280 Wear protective gloves/protective clothing.
P303 + P361 + P353 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

2.3 Other hazards
None known.
3 Composition/information on ingredients

3.1 Substances
Not applicable.

3.2 Mixtures
Composition/information on ingredients
CAS: 2051-49-2 Hexanoic anhydride >95 %
H314
Additional information:
For the full text of the H-Statements mentioned in this section, see section 16.

4 First aid measures

4.1 First aid measures
After inhalation: fresh air. Call in physician.
After skin contact: wash off with plenty of water. Immediately remove contaminated clothing. Call a physician immediately
After eye contact: rinse out with plenty of water with the eyelid held wide open. Call in ophthalmologist if necessary.
After swallowing: make victim drink water (two glasses at most), avoid vomiting (risk of perforation). Call a physician immediately. Do not attempt to neutralize.

4.2 Most important symptoms and effects, both acute and delayed
Irritation and corrosion, irritant effects, Cough, Shortness of breath

4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media:
powder, Carbon dioxide (CO₂), Dry powder
Unsuitable extinguishing media:
Not known.

5.2 Special hazards arising from the substance or mixture
If this product is involved in a fire, it can be released:
Carbon monoxide and carbon dioxide.

5.3 Advice for firefighters
Special protective equipment for firefighters:
Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.
6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Advice for non-emergency personnel: Avoid substance contact. Do not breathe vapours, aerosols. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.
Advice for emergency responders: Protective equipment see section 8.

6.2 Environmental precautions
Do not empty into drains.

6.3 Methods and materials for containment and cleaning up
Take up with liquid-absorbent material. Dispose of properly. Use neutralizing agent.

6.4 Reference to other sections
Indications about possible material restrictions see sections 7 and 10 and about waste treatment see section 13.

7 Handling and storage

7.1 Precautions for safe handling
Advice on safe handling:
Store cool and dry.

7.2 Conditions for safe storage, including any incompatibilities
Storage conditions:
No special requirements.

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 Exposure controls/personal protection

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

8.2 Exposure controls
Engineering measures:
Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.
See section 7.1.

Individual protection measures:
General protective and hygienic measures:
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately. Avoid contact with the eyes and skin.
Respiratory protection:
In case of good room ventilation, not necessary.
In case of brief exposure or low pollution use respiratory filter device. In case of
intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:
Protective gloves.

Material of gloves:
Chemical protection gloves are to be selected according to the concentration and quantity of the hazardous substance concentration and quantity in workplace. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374.

Eye protection:
Tightly sealed goggles

Body protection:
lab coat

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form: liquid
Colour: colourless
Odour: malodorous
Odour Threshold: Not applicable
pH: No information available.
Melting point: -40 °C
Boiling point/boiling range: Keine Informationen verfügbar
Flash point: 128 °C
Evaporation rate: No information available.
Flammability (solid, gas): No information available.
Lower explosion limit: No information available.
Upper explosion limit: No information available.
Vapour pressure: No information available.
Relative vapour density: 0.93 g/cm³ at 20 °C
Density: Not determined.
Relative density: No information available.
Water solubility: at 20 °C decomposes
Partition coefficient: n-octanol/water: No information available.
Auto-ignition temperature: No information available.
Decomposition temperature: No information available.
Viscosity, dynamic: No information available.
Explosive properties: Not classified as explosive.
Oxidizing properties: none

9.2 Other data
No information available.

10 Stability and reactivity

10.1 Reactivity
No further relevant information available.
10.2 Chemical stability
The product is chemically stable under standard ambient conditions (room temperature).

10.3 Possibility of hazardous reactions
No further relevant information available.

10.4 Conditions to avoid
No further relevant information available.

10.5 Incompatible materials
Oxidizing agents, bases, water / moisture.

10.6 Hazardous decomposition products
Carbon monoxide and carbon dioxide.

11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity
If swallowed, it has a strong corrosive effect on the mouth and throat and can perforate the esophagus and stomach.

Skin corrosion/irritation
No information available.

Serious eye damage/irritation
No information available.

Respiratory or skin sensitisation
No information available.

Germ cell mutagenicity
No information available.

Carcinogenicity
No information available.

Reproductive toxicity
No information available.

STOT-single exposure
No information available.

STOT-repeated exposure
No information available.

Aspiration hazard
No information available.

11.2 Additional information
Quantitative data on the toxicity of this product are not available. Further data: Other dangerous properties cannot be excluded. Handle in accordance with good industrial hygiene and safety practice.
12 Ecological information

12.1 Toxicity
   No further relevant information available.

12.2 Persistence and degradability
   No further relevant information available.

12.3 Bioaccumulative potential
   No further relevant information available.

12.4 Mobility in soil
   No further relevant information available.

12.5 Results of PBT and vPvB assessment
   Substance(s) in the mixture do(es) not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII, or a PBT/vPvB assessment was not conducted.

12.6 Other adverse effects
   No further relevant information available.

13 Disposal considerations

13.1 Waste treatment methods
   Dispose of packaging according to applicable local, state, and federal regulations. Packaging’s that may not be cleansed are to be disposed of in the same manner as the product.

14 Transport information

   This product is part of a kit. Information in this section refers to the kit as a whole.

14.1 UN No.
   No dangerous good in sense of this transport regulation.

14.2 UN Proper shipping name
   No dangerous good in sense of this transport regulation.

14.3 Class
   No dangerous good in sense of this transport regulation.

14.4 Packing group
   No dangerous good in sense of this transport regulation.

14.5 Environmental hazards
   None.
14.6 Special precautions for user
    None.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
    Not relevant.

15 Regulatory information

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

    EU regulations
    Major Accident Hazard: SEVESO III
    Not applicable
    Employment restrictions:
    Observe employment restrictions in accordance with the youth employment protection
    regulations (94/33/EC).
    Substances of very high concern (SVHC):
    This product does not contain substances of very high concern according to Regulation

    National legislation
    Water hazard class:
    1 (slightly water hazardous)
    Storage class:
    8A

15.2 Chemical Safety Assessment
    For this product a chemical safety assessment was not carried out.

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.

    Relevant phrases:
    H314 Causes severe skin burns and eye damage.

    Department issuing SDS:
    Safety Representative

    Contact:
    LDN