

**SECTION 1: Identification**

**Identification**

Product form : SRA TruPower #35 Circuit Board Cleaner  
 Product name : TruPower #35  
 Product code : UCS-35-GP

**Recommended use and restrictions on use**

Recommended use : Circuit Board Cleaner

**Product dilution information:** Dilution Rate: 1:5 (17%)

**Supplier**

**Manufacturer**

SRA Soldering Products  
 24 Walpole Park S., STE 10  
 Walpole, MA 02081 - USA  
 T 1.508.668.6044 - F 508.668.1622

**Emergency telephone number**

Emergency number : INFOTREC: 1.800.535.5353 or 1.508.668.6044

**SECTION 2: Hazard(s) identification**

**Classification of the substance or mixture**

**GHS-US classification**

Skin corrosion/irritation Category Not Classified  
 Serious eye damage/eye irritation Category 2A Causes serious eye damage

**Product Use-Dilution**

Serious eye damage/eye irritation Category 2A Causes eye irritation

**GHS Label elements, including precautionary statements**

**GHS US labeling**

Hazard pictograms (GHS US)



Signal word (GHS US): Warning Corrosive  
 Hazard statements (GHS US): Causes serious eye irritation  
 Precautionary statements (GHS US)

**Prevention:** Wear eye protection, protective gloves. Wash hands thoroughly after handling.

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Storage:** Store locked up. Store away from incompatible materials.

**Disposal:** Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national requirements.

# TruPower #35

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Product Use-Dilution

Hazard pictograms (GHS US)



Signal word (GHS US):

Warning Corrosive

Hazard statements (GHS US):

Causes serious eye damage

Precautionary statements (GHS US)

**Prevention:**

Wear eye protection. Wash hands thoroughly after handling.

### Other hazards which do not result in classification

Other hazards not contributing to the classification : Do not freeze. Keep out of the reach of children.

### Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

Name	Product identifier	Weight (%)
Monoethanolamine	(CAS-No.) 141-43-5	5 - 15

## SECTION 4: First-aid measures

### Description of first aid measures

- First-aid measures general : Call a physician if symptoms occur.
- First-aid measures after inhalation : Remove person to fresh air and Call a physician if symptoms occur.
- First-aid measures after skin contact : Rinse skin with water/shower.
- First-aid measures after eye contact : Rinse cautiously with water for 15 minutes.  
Remove contact lenses, if present and easy to do.  
Continue rinsing. Call a physician if symptoms occur.
- First-aid measures after ingestion : If patient is fully conscious, give large amounts of water. Rinse mouth. Call a physician.

### Product Use-Dilution

- First-aid measures general : Call a physician if symptoms occur.
- First-aid measures after inhalation : Remove person to fresh air and Call a physician if symptoms occur.
- First-aid measures after skin contact : Rinse skin with water/shower.
- First-aid measures after eye contact : Rinse cautiously with water for 15 minutes.  
Remove contact lenses, if present and easy to do.  
Continue rinsing. Call a physician if symptoms occur.

### Most important symptoms and effects (acute and delayed)

- Symptoms/effects after skin contact : Prolonged Skin contact may cause skin sensitization
- Symptoms/effects after eye contact : Serious eye irritation
- Symptoms/effects after ingestion : Salivation, coughing, choking, chills

### Immediate medical attention and special treatment, if necessary

Treat symptomatically.

# TruPower #35

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 5: Fire-fighting measures

#### Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water fog. Foam Dry chemical powder. Carbon Dioxide (CO2)

#### Specific hazards arising from the chemical

Reactivity : During fire, gases hazardous to health maybe formed..

#### Special protective equipment and precautions for fire-fighters

Protection during firefighting : Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

##### For non-emergency personnel

Emergency procedures : Wear appropriate protective equipment and clothing during cleanup. Ensure adequate ventilation.

##### For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment.

#### Environmental precautions

Avoid release to the environment.

#### Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

#### Product Use-Dilution

Methods for cleaning up : Take up liquid spill into absorbent material.

#### Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Provide adequate ventilation. When appropriate personal protective equipment. Wash hand thoroughly after handling.

Hygiene measures : Routinely wash clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### Product Use-Dilution

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

#### Conditions for safe storage, including any incompatibilities

Storage conditions : Do not freeze. Keep out of the reach of children. Store, if possible, in a cool, well ventilated place away from incompatible materials. Keep away from oxidizing agents

### SECTION 8: Exposure controls/personal protection

#### Control parameters

# TruPower #35

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Appropriate engineering controls

Appropriate engineering controls : General ventilation normally adequate. Provide eye wash fountains in the immediate vicinity of any potential exposure.

### Individual protection measures/Personal protective equipment

#### Hand protection:

For prolonged or repeated skin contact use suitable protective gloves

#### Eye protection:

Safety glasses with side shields or goggles

#### Skin and body protection:

Apron

#### Respiratory protection:

No respiratory protection needed under normal use conditions. In case of insufficient ventilation, wear suitable respiratory equipment

### Product Use-Dilution

<b>Hand protection</b>	: Not required for normal conditions of use. In case of repeated or prolonged contact wear gloves
<b>Eye protection</b>	: Safety glasses
<b>Skin and body protection</b>	: Wear suitable protective clothing
<b>Respiratory protection</b>	: No respiratory protection needed under normal use conditions. In case of insufficient ventilation, wear suitable respiratory equipment

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: clear.
Color	: Blue
Odor	: mild
Odor threshold	: No data available
pH	: 12
Melting point	: 32 °F
Freezing point	: No data available
Boiling point	: 212 °F
Flash point	: None to Boiling
Relative evaporation rate (butyl acetate=1)	: 1 Water=1
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1.003
Solubility	: Water: 100 %

# TruPower #35

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: Not explosive
Oxidizing properties	: Not oxidizing
VOC content	: 0 %

### Product Use-Dilution

Physical state	: Liquid
Color (SDS US)	: Clear
Odor (SDS US)	: Ammonia
pH	: No data available
Flash point	: Does Not Flash
VOC content	0 % Less Exempts and Water

## SECTION 10: Stability and reactivity

### Reactivity

Reacts with strong acids. This product may react with oxidizing agents

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### Conditions to avoid

N/A

### Incompatible materials

Acids. Oxidizing agents.

### Hazardous decomposition products

Carbon Dioxide and nitrogen oxides in fire conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not available
Acute toxicity (dermal)	: Not available
Acute toxicity (inhalation)	: Not available

ATE US (oral)	>5000 mg/kg
ATE US (dermal)	> 5000 mg/kg

Skin corrosion/irritation : This is not expected to cause skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitization : No adverse effects are expected

# TruPower #35

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Germ cell mutagenicity : Not available

Carcinogenicity : Not available

Product Use-Dilution	
ATE US (oral)	> 5000 mg/kg
ATE US (dermal)	> 5000 mg/kg

Reproductive toxicity : Not classified

Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

Symptoms/effects after skin contact : No adverse effects due to skin contact are expected.

Symptoms/effects after eye contact : Serious irritation to eyes.

Symptoms/effects after ingestion : Expected to be a low digestion hazard

## SECTION 12: Ecological information

### Toxicity

Ecology - general : This product is not classified as environmentally hazardous. However, this does not include the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### Persistence and degradability

### Bioaccumulative potential

### Mobility in soil

Ecology - soil	No Data Available
----------------	-------------------

### Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation, potential endocrine disruption, global warming potential) are expected from this.

## SECTION 13: Disposal considerations

### Disposal methods

Waste treatment methods : Dispose of in accordance with relevant local regulations.

Product Use-Dilution	
Waste treatment methods	: Dispose of in accordance with relevant local regulations.

## SECTION 14: Transport information

# TruPower #35

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### US - DOT

D.O.T. Proper Shipping Name:

Ethanolamine solution

Hazard Class: 8

Identification Number: UN2491

Packing Group: III

Type D.O.T Label Required

Information: Corrosive

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

OSHA Hazardous Chemical According to 29 CFR 1910.1200: NA

Carcinogenicity Classification: (Components Present at 0.1% or More)

International Agency for Research on Cancer (IARC): NA

American Conference of Governmental Industrial Hygienists (ACGIH): NA

National Toxicology Program (NTP): NA

Occupational Safety and Health Administration (OSHA): NA

All Components of this Product are Listed on the U.S. Toxic Substances Control Act Inventory or Otherwise Comply with TSCA Pre-manufacture Notification Requirements.

This product is RoHS compliant.

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### National regulations

No additional information available

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 08/14/2019

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*