



# Safety Data Sheet

Revision Date: 6/23/2015

SDS # SDS-10336-01

AP Stabilizer

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Description:	Product Code
AP Stabilizer	55-15-01
AP Stabilizer	55-15-00

**Hazardous Reagent**  
AP Stabilizer

**Hazardous Reagent Product code**  
Catalog No. listed above

**Recommended Use** Reagent

**Contact Manufacturer** KPL, Inc.  
910 Clopper Road  
Gaithersburg, Maryland 20878  
USA

**Phone #:** 1-301-948-7755  
**Fax #:** 1-301-948-0169  
**Web:** www.kpl.com  
**Email:** kplmsds@seracare.com

### Emergency Telephone Numbers:

AUSTRALIA – POISONS INFORMATION CENTER	Telephone: 13 11 26	Hours: 24 hours
CANADIAN TRANSPORT EMERGENCY CENTER	Telephone: (1 ) 613 996 6666	Hours: 24 hours/day, 7 days/week
UK – THE NATIONAL FOCUS	Telephone: (44) 029 2041 6388	Hours: 09:00-17:00 GMT
USA- NATIONAL RESPONSE CENTER	Telephone: (1 ) 800 424 8802	Hours: 24 hours/day, 7 days/week

**CHEMTREC:** CHEMTREC Customer Number:- CCN12505\*  
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300 CCN12505 or  
+1 703-527-3887 (collect calls accepted)

## 2. HAZARD IDENTIFICATION

**Hazard Type** Skin sensitisation, Category 1; H317

### **GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

**GHS Classification** Skin sensitisation, Category 1; H317

**Hazard Statements:** H317: May cause an allergic skin reaction.

**Precautionary Statements:** Do not breathe spray.  
Wash skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Call a POISON CENTER or doctor/physician if you feel unwell.  
 Wash contaminated clothing before reuse.  
 Store in a well-ventilated place. Keep container tightly closed.  
 Store locked up.

**Symbols and Indications of Danger:**

Warning



<b>Principle Route of Exposure</b>	Not Available
<b>Acute Effects: Eye:</b>	May cause redness and irritation
<b>Acute Effects: Skin:</b>	Dry skin and Irritation may occur
<b>Acute Effects: Inhalation:</b>	May be harmful if inhaled.
<b>Acute Effects: Ingestion:</b>	May be harmful if swallowed.
<b>Chronic Effects:</b>	Data for 100% Proprietary Ingredient: Chronic effects: Sensitising/allergic potential. Acute effects: Pronounced irritations to the skin and corrosive effects on the cornea and the mucosae of the eyes.

**Additional Information** Not Available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CHEMICAL</u>	<u>% Weight</u>	<u>CAS #:</u>
AP Stabilizer	Proprietary Ingredient	<0.1%	Proprietary Ingredient

**GHS Classification** Skin sensitisation, Category 1; H317

### 4. FIRST AID MEASURES

<b>General Advice</b>	Wash contaminated clothing before reuse. Consult a physician if irritation persists.
<b>Oral Exposure</b>	Rinse mouth. Refer for medical attention.
<b>Inhalation Exposure</b>	Remove subject to fresh air. Seek medical attention if necessary.
<b>Skin Exposure</b>	Rinse with copious amounts of water
<b>Eye Exposure</b>	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Substance is incombustible. Select fire fighting measures according to the surrounding conditions. Cool surrounding containers with water spray. If possible, take container out of dangerous zone.
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<b>Unusual Fire and Explosive Hazards</b>	Not Applicable
<b>Flash Point</b>	Not Available
<b>Autoignition Temperature</b>	Not Applicable
<b>Flammability Statement</b>	Substance is incombustible.
<b>Specific hazards arising from the chemical</b>	Data for 100% Proprietary Ingredient: Ambient fire may liberate hazardous vapours or decomposition products. Nitrous gases (nitric oxides); Hydrogen chloride; Sulphuric oxides
<b>Protective equipment and precautions for firefighters</b>	Wear self-contained breathing apparatus and special tightly sealed suit.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing.
<b>Environmental Precautions</b>	No special environmental precautions required. Should not be released into the environment.
<b>Method of Containment</b>	Contain spill and then clean-up with copious amounts of water.
<b>Methods of Clean-up</b>	Absorb the spill using absorbent materials and decontaminate the spill with a strong bleach solution (10%) or other germicidal agent. Dispose of all cleanup materials in accordance with disposal practices for infectious waste at your institution (local, state, and federal regulations may apply). Wash the spill area after material pick up and decontamination is complete.
<b>Other Information</b>	Not Available

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Refer to section 8. Handle this material as if capable of transmitting infectious agents. Observe routine biosafety precautions in handling. Use of personal protection to include but not limited to laboratory coat or gown, gloves, and eye safety goggles is strongly recommended. Wash thoroughly after handling.
<b>Storage:</b>	Store as labeled.

## 8. EXPOSURE CONTROL

<b>Respiratory Protection</b>	Ventilation, local exhaust, or breathing protection.
<b>Eye Protection</b>	Safety goggles.
<b>Skin Protection</b>	Protective gloves. Protective clothing.
<b>Ingestion</b>	Do not eat, drink, or smoke during work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Colorless Solution
<b>Physical State</b>	Liquid
<b>Odor</b>	Not Available
<b>Odor Threshold</b>	Not Available
<b>pH</b>	pH 5.5 - 6.5
<b>Boiling Point</b>	Not Available
<b>Evaporation Rate</b>	Not Available
<b>Vapor Density</b>	Not Available
<b>Vapor Pressure</b>	Not Available

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Relative Density	Not Available
Auto-Ignition Temperature	Not Available
Water Solubility	Dilutable
Flammability	Not Available
Flash Point	Not Available
Viscosity	Not Available
Oxidizing Properties	Not Available
Explosive Properties	Not Available
Additional Parameters	See Datasheet/Product Insert for other Product Information.

## 10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions
Conditions to avoid	Not Available
Incompatibility Materials to Avoid	Not Available
Hazardous Decomposition Products	Nitrous gases (nitric oxides); Hydrogen chloride; Sulphuric oxides
Hazardous Polymerization	Will not occur
Possibility of hazardous reactions	Not Available

## 11. TOXICOLOGY MEASURES

### Acute Toxicity

The toxicological risks are minor due to the low concentration of hazardous ingredients. The following toxicological information is for the hazardous ingredient in pure form.

LD50 Oral	LD50 oral rat  Value: 53 mg/kg Reference: Mutation Research. Vol. 118, Pg. 129, 1983.
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LD50 Dermal	No Data Available
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LC50 Inhalation	No Data Available
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### Chronic Toxicity

Carcinogenicity	There are no known carcinogenic chemicals in this product.
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Irritation	No Data Available
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Corrosivity	No Data Available
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Sensitization	Risk of sensitization of skin
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Neurological Effects	No Data Available
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Mutagenic Effects	No Data Available
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Reproductive Effects	No Data Available
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Developmental Effects	No Data Available
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Target Organ Effects	Skin
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Other adverse effects	Data for 100% Proprietary Ingredient: RECOMMENDATIONS OF MAK-COMMISSION This data is recommended by scientific experience and is not established law. 0,2 mg/m <sup>3</sup> with reference to the inhalable fraction Limitation of exposure peaks: Excursion factor 2 Duration 15 min, mean; 4 times per shift; interval 1 hour
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Risk of sensitization of skin

Pregnancy: Group C

There is no reason to fear a risk of damage to the developing embryo or fetus when MAK and BAT values are adhered to.

## 12. ECOLOGICAL MEASURES

**Ecotoxicity**

Data for 100% Proprietary Ingredient: LC50 Fish (96 hours) Minimum: 0,19 mg/l Maximum: 2,13 mg/l Median: 0,36 mg/l Study number: 7 Reference for median: Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.

LC50 Crustaceans (48 hours) Minimum: 0,56 mg/l Maximum: 0,56 mg/l Median: 0,56 mg/l Study number: 1 Reference for median: Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.

EC50 Crustaceans (48 hours) Minimum: 0,18 mg/l Maximum: 13 mg/l Median: 1,07 mg/l Study number: 4 Reference for median: Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.

**Persistence/Degradability**

Not Available

**Mobility in Environmental Media**

Not Available

**Bioaccumulation/ Accumulation**

Not Available

## 13. DISPOSAL MEASURES

**Waste Disposal Method:**

Observe all Federal, State and Local laws concerning health and pollution.

**Contaminated Packaging:**

Avoid contact with skin and clothing. Dispose of in compliance with the respective national and local regulations.

**US EPA Waste Number:**

Not Available

## 14. TRANSPORTATION MEASURES

**DOT:**

Not Regulated

**IATA:**

Not Regulated

**ADR (road)/ RID (rail):**

Not Regulated

**IMDG (sea):**

Not Regulated

**General Transport Regulations** Not Regulated

## 15. REGULATORY MEASURES

**This product is a mixture that may contain one or more hazardous chemicals. The hazardous ingredients listed are only those as required by 29 CFR 1910.1200 (OSHA HCS).**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains no chemical or chemicals which are subject to the reporting requirements.

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (See 40 CFR 61)**

This product contains no chemical or chemicals which are subject to the reporting requirements of the Clean Air Act.

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**State Regulations****California Proposition 65:**

This product contains the following Proposition 65 chemicals: Not Listed

**State Right to Know Act****Chemical Name    Proprietary Ingredient**

Massachusetts    Not Listed

New Jersey        Not Listed

Pennsylvania      Not Listed

New York           Not Listed

Rhode Island      Not Listed

**International Inventories****Chemical Name    Proprietary Ingredient**

TSCA                Listed

DSL                  Listed

NDSL                Not Listed

EINECS             Listed

CHINA              Listed

KECL                Listed

JAPAN:             Listed

AICS                Listed

**EU Regulations**

**Annex I Index#**                    Not Applicable

**Classification**                    Skin sensitisation, Category 1; H317

**Hazard Statements**                H317: May cause an allergic skin reaction.

**Precautionary Statements**    Do not breathe spray.  
 Wash skin thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Use only outdoors or in a well-ventilated area.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Call a POISON CENTER or doctor/physician if you feel unwell.  
 Wash contaminated clothing before reuse.  
 Store in a well-ventilated place. Keep container tightly closed.  
 Store locked up.

**Symbols and Indications of Danger**                    Warning

**Specific Concentration Limits**                    Skin Corr. 1B; H314: C >= 0,6 %  
 Skin Irrit. 2; H315: 0,06 % <=C < 0,6 %  
 Eye Irrit. 2; H319: 0,06 % <=C < 0,6 %  
 Skin Sens. 1; H317: C >=0,0015 %

**16. OTHER INFORMATION**

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. KPL shall not be held liable for any damage resulting from handling or from contact with the above product. Users should make their own investigations to determine the suitability of the information for their particular purposes. This material is sold for research purposes and is intended as laboratory reagents only. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals.