

## SECTION1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product code : A4160ST- A4300ST - A4800ST - KIT35RA4 Stab.  
Trades code : STABIL CARTA

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

Photographic Process

Sectors of use:

Professional use[SU22]

Product category:

Photochemicals

Process categories:

Mixing or blending in batch processes for formulation of preparations\* and articles (multistage and/or significant contact)[PROC5]

Uses advised against

Do not use for purposes other than those listed

### 1.3. Details of the supplier of the safety data sheet

BELLINI FOTO S.r.l.  
VIA FERRIERA, 68 - 06089 - TORGIANO - PERUGIA  
ITALY  
Tel +39 075 985 174 Fax +39 075 985 288

E-mail:info@bellinifoto.it - Web: www.bellinifoto.it  
E-mail technical assistance: enrico.pompili@bellinifoto.it

Produced by  
BELLINI FOTO S.r.L.  
Via Ferriera, 68 06089 TORGIANO - PG - ITALY Tel. +39 075 985174

### 1.4. Emergency telephone number

Bellini Foto S.r.l. (PG) - Tel . +39 075 985 174

## SECTION2. Hazards identification

### 2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

GHS05, GHS07, GHS09

Hazard Class and Category Code(s):

Skin Corr. 1C, Skin Sens. 1A, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1

Hazard statement Code(s):

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H400 - Very toxic to aquatic life. (Acute toxicity M-factor = 1)

H410 - Very toxic to aquatic life with long lasting effects. (Acute toxicity M-factor = 1)

Corrosive product: causes severe skin burns and eye damage.

The product, if brought into contact with skin can cause skin sensitization.

If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.

The product is dangerous for the environment as it is very toxic to aquatic organisms

The product is dangerous to the environment as it is very toxic to aquatic life with long lasting effects

**2.2. Label elements**

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):

GHS05, GHS07, GHS09 - Danger

Hazard statement Code(s):

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

H410 - Very toxic to aquatic life with long lasting effects. (Acute toxicity M-factor = 1)

Supplemental Hazard statement Code(s):

EUH071 - Corrosive to the respiratory tract.

Precautionary statements:

General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

Prevention

P260 - Do not breathe dust, fume, gas, mist, vapours, spray.

P261 - Avoid breathing dust, fume, gas, mist, vapours, spray.

P264 - Thoroughly wash clothing after use.

P273 - Avoid release to the environment.

P280 - Wear protective gloves protective clothing eye protection face protection.

Response

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352 - IF ON SKIN: Wash with plenty of water and seek medical advice.

P303+P361+P353 - IF ON SKIN (or hair): 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.

P310 - Immediately call a doctor if symptoms persist

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P391 - Collect spillage.

Storage

P405 - Store locked up.

Disposal

P501 - Dispose of contents and container in accordance with the laws in force

Contains:

Alcohols, C10-16, ethoxylated, sulfates, sodium salts, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)

REGULATION (EU) No 528/2012, biocides contained: reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (Film preservatives)

**2.3. Other hazards**

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII  
No information on other hazards

**SECTION 3. Composition/information on ingredients****3.1 Substances**

Irrelevant

**3.2 Mixtures**

Refer to paragraph 16 for full text of hazard statements

Note B - Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this

case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

Substance	Concentration[ w/w]	Classification	Index	CAS	EINECS	REACH
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	>= 3 < 5%	Skin Irrit. 2, H315; Eye Dam. 1, H318	ND	68585-34-2	500-223-8	NR
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) Note: B	>= 1 < 5%	EUH071; Acute Tox. 3, H301; Acute Tox. 2, H310; Skin Corr. 1C, H314; Skin Sens. 1, H317; Eye Dam. 1, H318; Acute Tox. 2, H330; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Limits: Skin Corr. 1C, H314 %C >=0,6; Skin Irrit. 2, H315 0,06<= %C <0,6; Eye Dam. 1, H318 %C >=0,6; Eye Irrit. 2, H319 0,06<= %C <0,6; Skin Sens. 1A, H317 %C >=0,0015; Acute toxicity M-factor = 100 Chronic toxicity M-factor = 100	613-167-00-5	55965-84-9	ND	NR

## SECTION4. First aid measures

### 4.1. Description of first aid measures

#### Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

#### Direct contact with skin (of the pure product):

Take contaminated clothing Immediately off.  
In case of contact with skin, wash immediately with water.  
Consult a physician immediately

#### Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately  
Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

#### Ingestion:

Drink water with egg white; do not give bicarbonate.  
Absolutely do not induce vomiting or emesis. Seek medical advice immediately.

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

No data available.

### 4.3. Indication of any immediate medical attention and special treatment needed

If skin irritation or rash occurs: Get medical advice/attention.  
If medical advice is needed, have product container or label at hand.  
Immediately call a doctor if symptoms persist

## SECTION5. Firefighting measures

### **5.1. Extinguishing media**

Advised extinguishing agents:

Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

### **5.2. Special hazards arising from the substance or mixture**

No data available.

### **5.3. Advice for firefighters**

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

## **SECTION6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

### **6.2. Environmental precautions**

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the the authorities.

Discharge the remains in compliance with the regulations

### **6.3. Methods and material for containment and cleaning up**

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.

Prevent it from entering the sewer system.

6.3.2 For cleaning up:

To clean the floor and all objects contaminated by this material use water

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

### **6.4. Reference to other sections**

Refer to paragraphs 8 and 13 for more information

## **SECTION7. Handling and storage**

### **7.1. Precautions for safe handling**

Avoid contact and inhalation of vapors

Wear protective gloves protective clothing eye protection face protection.

In residential areas do not use on large surfaces.  
At work do not eat or drink.  
Contaminated work clothing should not be allowed out of the workplace.  
See also paragraph 8 below.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep in original container closed tightly. Do not store in open or unlabeled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Store in a cool place, away from sources of heat and direct exposure of sunlight.

**7.3. Specific end use(s)**

Professional use:  
Photographic and cinematographic treatment

**SECTION 8. Exposure controls/personal protection**

**8.1. Control parameters**

Related to contained substances:  
Alcohols, C10-16, ethoxylated, sulfates, sodium salts:  
Not available.  
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):  
mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] TWA 0.076 mg/m3  
2-methyl-2H-isothiazol-3-one [EC No 220-239 - 6] (3:1) 1.5 mg/m3 TWA

**8.2. Exposure controls**



Appropriate engineering controls:  
Professional use:  
Not established  
Individual protection measures:  
(a) Eye / face protection  
Wear mask  
(b) Skin protection  
(i) Hand protection  
When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)  
(ii) Other  
When handling the pure product wear full protective skin clothing.  
(c) Respiratory protection  
Use adequate protective respiratory equipment (EN 14387:2008)  
(d) Thermal hazards  
No hazard to report  
Environmental exposure controls:  
Use according to good working practices to avoid pollution into the environment.

**SECTION 9. Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Physical and chemical properties	Value	Determination method
Appearance	Liquid	
Colour	Not determined	
Odour	Not determined	

Physical and chemical properties	Value	Determination method
Odour threshold	undefined	
pH	4.00 ± 0.10 a 25 °C	pH METRO
Melting point/freezing point	Irrilevant	
Initial boiling point and boiling range	> 100 °C	
Flash point	non flammable	ASTM D92
Evaporation rate	Not determined	
Flammability (solid, gas)	Irrilevant	
Upper/lower flammability or explosive limits	undefined	
Vapour pressure	Not determined	
Vapour density	Not determined	
Relative density	1.020 ± 0.010 gr/cm <sup>3</sup>	
Solubility	in water	
Water solubility	Complete	
Partition coefficient: n-octanol/water	Not determined	
Auto-ignition temperature	Not determined	
Decomposition temperature	Not determined	
Viscosity	not determined	
Explosive properties	not explosive	
Oxidising properties	non-oxidizing	

## 9.2. Other information

No data available.

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

Related to contained substances:

Alcohols, C10-16, ethoxylated, sulfates, sodium salts:

The product is stable

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1):

There are special dangers by reaction with other substances under normal conditions of use.

### 10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

### 10.3. Possibility of hazardous reactions

There are no hazardous reactions

### 10.4. Conditions to avoid

Related to contained substances:

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1):

None in particular. Follow the usual cautions, however, against chemicals.

**10.5. Incompatible materials**

It can generate inflammable gases to contact with elementary metals, nitrides, inorganic sulfide, strong reducing agents.

It can generate toxic gases to contact with inorganic sulfide, strong reducing agents.

**10.6. Hazardous decomposition products**

Does not decompose when used for intended uses.

**SECTION 11. Toxicological information****11.1. Information on toxicological effects**

ATE(mix) oral = 8.928,6 mg/kg

ATE(mix) dermal = 4.464,3 mg/kg

ATE(mix) inhal = 44,6 mg/l/4 h

(a) acute toxicity: based on available data, the classification criteria are not met.

(b) skin corrosion/irritation Corrosive product: causes severe skin burns and eye damage.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1): This corrosive material.

(c) serious eye damage/irritation: Corrosive product: causes severe skin burns and eye damage. - If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1): Corrosive

(d) respiratory or skin sensitization: The product, if brought into contact with skin can cause skin sensitization.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1): Cause sensitization.

(e) germ cell mutagenicity: based on available data, the classification criteria are not met.

(f) carcinogenicity: reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1): Product test data are not available.

(g) reproductive toxicity: based on available data, the classification criteria are not met.

(h) specific target organ toxicity (STOT) single exposure: reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1): Product test data are not available.

(i) specific target organ toxicity (STOT) repeated exposure reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1): Product test data are not available.

(j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:

Alcohols, C10-16, ethoxylated, sulfates, sodium salts:

LD50 (rat) Oral (mg/kg body weight) = 2000

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1):

Acute effects: harmful if inhaled, if absorbed through the skin and if swallowed. May cause irritation of the mucous membranes and upper respiratory tract and eyes.

Symptoms of exposure may include: burning sensation and irritation to the eyes, mouth, nose and throat, coughing, difficulty breathing, dizziness, headache, nausea and vomiting. In cases of severe inhalation the product may cause inflammation and edema of the larynx and bronchi, chemical Pneumonitis and pulmonary edema. The product may cause irritation of the contact site, accompanied by an increase in skin temperature, swelling, itching. Even small quantity ingested can cause significant health disorders (abdominal pain, nausea, vomiting, diarrhea). The product is corrosive and causes burns on the surface layer of the skin, redness, warmth and burning sensation. In some cases you can have the appearance of blistering that cause strong burning and pain. In contact with the eyes causes serious injury and may cause: corneal opacity, Iris lesion, irreversible eye coloring. Any vapours are caustic to the respiratory system and can cause pulmonary edema, symptoms become evident, sometimes only a few hours later. Symptoms of exposure may include burning sensation, cough, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

Ingestion may cause burns to the mouth, throat, and esophagus; vomiting, diarrhea, edema, swelling of the larynx, resulting in suffocation. It may also be perforation of the gastrointestinal tract. The contact with the skin causes a sensitization (contact dermatitis). Dermatitis arises as a result of an inflammation of the skin, which begins in the skin areas that are in contact with the agent repeated sensitizer. Skin

lesions may include Erythema, oedema, papules, vesicles, pustules, scales, fissures and exudative phenomena, which vary depending on the stages of the illness and the affected areas. In the acute phase prevail Erythema, edema and exudation. In the chronic stages scales prevail, dryness, fissuring and thickening of the skin.

### 11.2. Information on other hazards

No data available.

## SECTION 12. Ecological information

### 12.1. Toxicity

Related to contained substances:

Alcohols, C10-16, ethoxylated, sulfates, sodium salts:

C(E)L50 (mg/l) = 10

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1):

LC50 Lepomis macrochirus (Bluegill Fish-sale) 96 h 0.28 mg / l active ingredient EC50 Marine Algae (Skeletonema costatum) 0,003 mg / l active ingredient EC50 Algae (Selenastrum capricornutum) 0.018 mg / l active ingredient EC50

Daphnia magna 48 h 0 , 16 mg / l active ingredient

Acute toxicity M-factor = 100

Chronic toxicity M-factor = 100

The product is dangerous for the environment as it is very toxic to aquatic organisms following acute exposure. Use according to good working practices to avoid pollution into the environment.

### 12.2. Persistence and degradability

Related to contained substances:

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1):

Biodegradability: Considered rapidly degradable. The product is not readily biodegradable according to OECD/EC policies.

### 12.3. Bioaccumulative potential

Related to contained substances:

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1):

Biodegradation (aquatic metabolism): CAS No 26172-55-4 t 1 / 2 = 4.8 hr anaerobic, CAS 26172-55-4 t 1 / 2 aerobic = 17.3, CAS No 2682-20-4 t 1 / 2 = 9.1 hr aerobic

### 12.4. Mobility in soil

Related to contained substances:

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1):

Information not available.

### 12.5. Results of PBT and vPvB assessment

No PBT/vPvB ingredient is present

### 12.6. Endocrine disrupting properties

No data available.

### 12.7. Other adverse effects

No adverse effects



## **SECTION13. Disposal considerations**

### **13.1. Waste treatment methods**

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

## **SECTION14. Transport information**

### **14.1. UN number**

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

### **14.2. UN proper shipping name**

None

### **14.3. Transport hazard class(es)**

None

### **14.4. Packing group**

None

### **14.5. Environmental hazards**

None

### **14.6. Special precautions for user**

No data available.

### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

It is not intended to carry bulk

## **SECTION15. Regulatory information**

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

Legislative Decree. 02/03/1997 n. 52 (Classification, packaging and labeling of dangerous substances). Legislative Decree 14/03/2003 n. 65 (Classification, packaging and labeling of dangerous substances). Legislative Decree. 02/02/2002 n. 25 (Risks related to chemical agents at work). D.M. 26/02/2004 Work (Exposure Limits Professional); D.M. 03/04/2007 (Implementation of Directive n. 2006/8 / EC). Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP), Regulation (EC) 790 / 2009.D.Lgs. September 21, 2005 n. 238 (Seveso Ter).

Seveso category:

E1 - ENVIRONMENTAL HAZARDS

REGULATION (EU) No 1357/2014 - waste:

HP4 - Irritant — skin irritation and eye damage  
HP14 - Ecotoxic

### 15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

## SECTION 16. Other information

### 16.1. Other information

Points modified compared to previous release: 2.1. Classification of the substance or mixture, 2.2. Label elements, 2.3. Other hazards, 3.2 Mixtures, 4.1. Description of first aid measures, 4.3. Indication of any immediate medical attention and special treatment needed, 6.3. Methods and material for containment and cleaning up, 8.2. Exposure controls, 10.4. Conditions to avoid, 11.1. Information on toxicological effects, 12.1. Toxicity, 12.5. Results of PBT and vPvB assessment, 12.6. Endocrine disrupting properties, 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Description of the hazard statements exposed to point 3

H315 = Causes skin irritation.

H318 = Causes serious eye damage.

H301 = Toxic if swallowed.

H310 = Fatal in contact with skin.

H314 = Causes severe skin burns and eye damage.

H317 = May cause an allergic skin reaction.

H330 = Fatal if inhaled.

H400 = Very toxic to aquatic life.

H410 = Very toxic to aquatic life with long lasting effects.

Classification based on data of all mixture components

Main normative references:

Directive 1999/45/EC

Directive 2001/60/EC

Regulation 1272/2008/EC

Regulation 2010/453/EC

Regolamento 529/2012 and subsequent updates

This data sheet cancels and replaces any previous edition.