

Safety Data Sheet

AC-8

SDS Revision Date:

07/17/2015



1. Identification

1.1. Product identifier

Product Identity AC-8

Alternate Names AC-8

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

Intended use Proprietary Liquid Phosphonium Salt Accelerator

Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name Broadview Technologies
7-33 Amsterdam Street
Newark, NJ 07105

Emergency

CHEMTREC (USA) (800) 424-9300

Customer Service: Broadview Technologies (973)-465-0077

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Skin Irrit. 2;H315 Causes skin irritation.

Aquatic Chronic 1;H410 Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Warning

H315 Causes skin irritation.

H410 Very toxic to aquatic life with long lasting effects.

[Prevention]:

P264 Wash thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

Safety Data Sheet

AC-8

SDS Revision Date:

07/17/2015



[Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.
P321 Specific treatment (see information on this label).
P332+313 If skin irritation occurs: Get medical advice / attention.
P362 Take off contaminated clothing and wash before reuse.
P391 Collect spillage.

[Storage]:

No GHS storage statements

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
New Jersey Trade Secret Registry Number 28067400000-5024P	50 - 75	Aquatic Acute 1;H400 Aquatic Chronic 1;H410 Skin Irrit. 2;H315	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion

If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Safety Data Sheet

AC-8

SDS Revision Date:

07/17/2015



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

Overview	It is anticipated that direct contact will produce eye and skin irritation, and may produce respiratory tract irritation. Repeated contact may produce allergic reactions in some people. See section 2 for further details.
Skin	Causes skin irritation.

5. Fire-fighting measures

5.1. Extinguishing media

Foam, Dry Chemical, Water, and Carbon Dioxide

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Thermal decomposition may produce toxic vapor/fumes of phosphine, organic materials, and oxides of carbon and phosphorous.

5.3. Advice for fire-fighters

Firefighting personnel must wear NIOSHJ/MSHA approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.

Products of combustion are toxic. Treat as hot oil or fat. If water must be use a fog nozzle to avoid spattering of hot material and spread of burning liquid.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Caution! Floors may become slippery. Wear appropriate protective gear and NIOSH/MSHA approved respirator where mists or vapors of unknown concentrations may be generated (self-contained breathing apparatus preferred). Dike and contain spill with inert material (sand, earth, etc.). Transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewer and open bodies of water.

Safety Data Sheet

AC-8

SDS Revision Date:

07/17/2015



7. Handling and storage

7.1. Precautions for safe handling

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Keep containers closed until used. Store in a cool, well-ventilated place.

Incompatible materials: Incompatible with bases, oxidizing agents, and strong acids. This material hydrolyzes in water.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

Ingredient	Source	Value
New Jersey Trade Secret Registry Number 28067400000-5024P	OSHA	No Established Limit
	ACGIH	No Established Limit
	NIOSH	No Established Limit
	Supplier	No Established Limit

Carcinogen Data

Ingredient	Source	Value
New Jersey Trade Secret Registry Number 28067400000-5024P	OSHA	Select Carcinogen: No
	NTP	Known: No; Suspected: No
	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory

In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices. In the absence of proper environmental controls, a NIOSH/MSHA jointly approved respirator is advised.

Eyes

Wear chemical goggles where there is potential for eye contact. Use safety glasses with side shields under normal use conditions.

Skin

To prevent skin contact, rubber or neoprene gloves are recommended.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to

Safety Data Sheet

AC-8

SDS Revision Date:

07/17/2015



maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices Eye wash stations, safety showers, and protective clothing should be provided to all workers. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	Pale Yellow Liquid
Odor	Slight Phenolic
Odor threshold	Not determined
pH	Not Measured
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	Not Measured
Flash Point	330°F (165°C)
Evaporation rate (Ether = 1)	<1
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	< 0.1 mmHg at 20°C
Vapor Density	Not Measured
Specific Gravity	1.08 at 20°C
Solubility in Water	Decomposes
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

Safety Data Sheet

AC-8

SDS Revision Date:

07/17/2015



10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Incompatible with bases, oxidizing agents, and strong acids. This material hydrolyzes in water.

10.6. Hazardous decomposition products

Thermal decomposition may produce toxic vapor/fumes of phosphine, organic materials, and oxides of carbon and phosphorous.

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
New Jersey Trade Secret Registry Number 28067400000-5024P	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable

Safety Data Sheet

AC-8

SDS Revision Date:

07/17/2015



Aspiration hazard	---	Not Applicable
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12. Ecological information

12.1. Toxicity

Very toxic to aquatic life with long lasting effects.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
New Jersey Trade Secret Registry Number 28067400000-5024P	Not Available	Not Available	Not Available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable

Safety Data Sheet

AC-8

SDS Revision Date:

07/17/2015



14.4. Packing group Not Applicable Not Applicable Not Applicable

14.5. Environmental hazards

IMDG Marine Pollutant: Yes

14.6. Special precautions for user

No further information

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification D2B

US EPA Tier II Hazards **Fire:** No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

Zinc compounds (50% of mixture)

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%) :

Zinc compounds

Pennsylvania RTK Substances (>1%) :

Zinc compounds

Safety Data Sheet

AC-8

SDS Revision Date:

07/17/2015



16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H315 Causes skin irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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