

# SAFETY DATA SHEET

Distributed By  
Freeman Manufacturing & Supply Co.  
www.freemansupply.com 800-321-8511



**HUNTSMAN**

Enriching lives through innovation

## ACCELERATOR 178-62 US

Version 1.1      Revision Date: 09/28/2016      SDS Number: 400001012711      Date of last issue: 02/25/2016  
Date of first issue: 02/25/2016

### SECTION 1. IDENTIFICATION

Product name : ACCELERATOR 178-62 US



#### Manufacturer or supplier's details

Company name of supplier : Huntsman Advanced Materials Americas LLC  
Address : P.O. Box 4980  
The Woodlands,  
TX 77387  
United States of America  
Telephone : Non-Emergency: (800) 257-5547  
E-mail address of person responsible for the SDS : MSDS@huntsman.com  
Emergency telephone number : Chemtrec: (800) 424-9300 or (703) 527-3887

#### Recommended use of the chemical and restrictions on use

Recommended use : Adhesives and/or sealants

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### Other hazards

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
bismuth(3+) neodecanoate	34364-26-6	1 - 3

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

### SECTION 4. FIRST AID MEASURES

General advice : Do not leave the victim unattended.  
If inhaled : If unconscious place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

# SAFETY DATA SHEET

Distributed By  
Freeman Manufacturing & Supply Co.  
www.freemansupply.com 800-321-8511



**HUNTSMAN**  
Enriching lives through innovation

## ACCELERATOR 178-62 US

Version	Revision Date:	SDS Number:	Date of last issue: 02/25/2016
1.1	09/28/2016	400001012711	Date of first issue: 02/25/2016

In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed : None known.

### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : No data is available on the product itself.

Specific hazards during firefighting : No data is available on the product itself.

Hazardous combustion products : No hazardous combustion products are known

Specific extinguishing methods : No data is available on the product itself.

Further information : Standard procedure for chemical fires.

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Not applicable for product as supplied.

Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the

**ACCELERATOR 178-62 US**

Version	Revision Date:	SDS Number:	Date of last issue:
1.1	09/28/2016	400001012711	02/25/2016
			Date of first issue: 02/25/2016

application area.

Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : No materials to be especially mentioned.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**Personal protective equipment**

Respiratory protection : No personal respiratory protective equipment normally required.

Eye protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : General industrial hygiene practice.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : liquid

Colour : amber

Odour : slight

Odour Threshold : No data is available on the product itself.

pH : No data is available on the product itself.

Flash point : > 105 °C Method: estimated, closed cup

Evaporation rate : No data is available on the product itself.

Flammability (solid, gas) : No data is available on the product itself.

Flammability (liquids) : No data is available on the product itself.

Upper explosion limit : No data is available on the product itself.

Lower explosion limit : No data is available on the product itself.

Vapour pressure : No data is available on the product itself.

Relative vapour density : No data is available on the product itself.

Relative density : 0.97

# SAFETY DATA SHEET

Distributed By  
Freeman Manufacturing & Supply Co.  
www.freemansupply.com 800-321-8511



**HUNTSMAN**

Enriching lives through innovation

## ACCELERATOR 178-62 US

Version	Revision Date:	SDS Number:	Date of last issue: 02/25/2016
1.1	09/28/2016	400001012711	Date of first issue: 02/25/2016

Density : No data is available on the product itself.

Solubility(ies)  
Water solubility : insoluble

Solubility in other solvents : No data is available on the product itself.

Partition coefficient: n-octanol/water : No data is available on the product itself.

Auto-ignition temperature : No data is available on the product itself.

Thermal decomposition : No data is available on the product itself.

Self-Accelerating decomposition temperature (SADT) : No data is available on the product itself.

Viscosity : No data is available on the product itself.

### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Stable under recommended storage conditions.  
No hazards to be specially mentioned.

Conditions to avoid : No data available

### SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : No data is available on the product itself.

#### Acute toxicity

##### Components:

bismuth(3+) neodecanoate:

Acute oral toxicityComponents : (Rat): 3,030 mg/kg  
Assessment: The component/mixture is low toxic after single ingestion.

##### Components:

bismuth(3+) neodecanoate:

Acute inhalation toxicity : LC50 (Rat): 5.5 mg/l  
Exposure time: 4 h  
Assessment: The substance or mixture has no acute inhalation toxicity

##### Components:

bismuth(3+) neodecanoate:



**ACCELERATOR 178-62 US**

Version	Revision Date:	SDS Number:	Date of last issue:
1.1	09/28/2016	400001012711	02/25/2016
			Date of first issue: 02/25/2016

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Assessment: The substance or mixture has no acute dermal toxicity

Acute toxicity (other routes of administration) : No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation****Components:**

bismuth(3+) neodecanoate:  
Result: Eye irritation

**Respiratory or skin sensitisation**

No data available

Assessment: No data available

**Germ cell mutagenicity**

Genotoxicity in vitro : No data available

Genotoxicity in vivo : No data available

**Carcinogenicity**

No data available

Carcinogenicity - Assessment : No data available

**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Reproductive toxicity**

Effects on fertility : No data available

Effects on foetal development : No data available

Reproductive toxicity - : No data available

# SAFETY DATA SHEET

Distributed By  
Freeman Manufacturing & Supply Co.  
www.freemansupply.com 800-321-8511



**HUNTSMAN**

Enriching lives through innovation

## ACCELERATOR 178-62 US

Version	Revision Date:	SDS Number:	Date of last issue:
1.1	09/28/2016	400001012711	02/25/2016
			Date of first issue: 02/25/2016

Assessment

### STOT - single exposure

No data available

### STOT - repeated exposure

No data available

### Repeated dose toxicity

No data available

Repeated dose toxicity - : No data available  
Assessment

### Aspiration toxicity

No data available

### Experience with human exposure

General Information: No data available

Inhalation: No data available

Skin contact: No data available

Eye contact: No data available

Ingestion: No data available

### Toxicology, Metabolism, Distribution

No data available

### Neurological effects

No data available

### Further information

#### Product:

Remarks: No data available

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxicity to fish : No data available

# SAFETY DATA SHEET

Distributed By  
Freeman Manufacturing & Supply Co.  
www.freemansupply.com 800-321-8511



**HUNTSMAN**

Enriching lives through innovation

## ACCELERATOR 178-62 US

Version 1.1	Revision Date: 09/28/2016	SDS Number: 400001012711	Date of last issue: 02/25/2016 Date of first issue: 02/25/2016
----------------	------------------------------	-----------------------------	---

Toxicity to daphnia and other aquatic invertebrates : No data available

Toxicity to algae : No data available

M-Factor (Acute aquatic toxicity) : No data available

Toxicity to fish (Chronic toxicity) : No data available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : No data available

M-Factor (Chronic aquatic toxicity) : No data available

Toxicity to bacteria : No data available

Toxicity to soil dwelling organisms : No data available

Plant toxicity : No data available

Sediment toxicity : No data available

Toxicity to terrestrial organisms : No data available

Ecotoxicology Assessment  
Acute aquatic toxicity : No data available

### **Components:**

bismuth(3+) neodecanoate:  
Chronic aquatic toxicity : May cause long lasting harmful effects to aquatic life.

Toxicity Data on Soil : No data available

Other organisms relevant to the environment : No data available

Further information:  
No data available

### **Persistence and degradability**

Biodegradability : No data available

Biochemical Oxygen Demand (BOD) : No data available

Chemical Oxygen Demand (COD) : No data available

# SAFETY DATA SHEET

Distributed By  
Freeman Manufacturing & Supply Co.  
www.freemansupply.com 800-321-8511



**HUNTSMAN**

Enriching lives through innovation

## ACCELERATOR 178-62 US

Version	Revision Date:	SDS Number:	Date of last issue:
1.1	09/28/2016	400001012711	02/25/2016
			Date of first issue: 02/25/2016

BOD/COD : No data available

ThOD : No data available

BOD/ThOD : No data available

Dissolved organic carbon (DOC) : No data available

Physico-chemical removability : No data available

Stability in water : No data available

Photodegradation : No data available

Impact on Sewage Treatment : No data available

### Bioaccumulative potential

Bioaccumulation : No data available

### Components:

bismuth(3+) neodecanoate:  
Partition coefficient: n-octanol/water : log Pow: 10.64

### Mobility in soil

Mobility : No data available

Distribution among environmental compartments : No data available

Stability in soil : No data available

### Other adverse effects

Environmental fate and pathways : No data available

Results of PBT and vPvB assessment : No data available

Endocrine disrupting potential : No data available

Adsorbed organic bound halogens (AOX) : No data available

### Hazardous to the ozone layer

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82  
Protection of Stratospheric Ozone - CAA Section 602 Class I Substances



# SAFETY DATA SHEET

Distributed By  
Freeman Manufacturing & Supply Co.  
www.freemansupply.com 800-321-8511



**HUNTSMAN**

Enriching lives through innovation

## ACCELERATOR 178-62 US

Version	Revision Date:	SDS Number:	Date of last issue:
1.1	09/28/2016	400001012711	02/25/2016
			Date of first issue: 02/25/2016

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information - Product : No data available  
Global warming potential (GWP) : No data available

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

### SECTION 14. TRANSPORT INFORMATION

#### International Regulation

##### IATA

Not regulated as dangerous goods

##### IMDG

Not regulated as dangerous goods

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### National Regulations

##### DOT Classification

Not regulated as dangerous goods

### SECTION 15. REGULATORY INFORMATION

#### EPCRA - Emergency Planning and Community Right-to-Know Act

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

# SAFETY DATA SHEET

Distributed By  
Freeman Manufacturing & Supply Co.  
www.freemansupply.com 800-321-8511



**HUNTSMAN**  
Enriching lives through innovation

## ACCELERATOR 178-62 US

Version	Revision Date:	SDS Number:	Date of last issue:
1.1	09/28/2016	400001012711	02/25/2016
			Date of first issue: 02/25/2016

### California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

1,2-Benzenedicarboxylic acid, di-C9-11-  
branched alkyl esters, C10-rich 68515-49-1

### The components of this product are reported in the following inventories:

CH INV	: The formulation contains substances listed on the Swiss Inventory, On the inventory, or in compliance with the inventory
TSCA	: On the inventory, or in compliance with the inventory
DSL	: All components of this product are on the Canadian DSL
AICS	: On the inventory, or in compliance with the inventory
NZIoC	: Not in compliance with the inventory
ENCS	: Low volume exemption, On the inventory, or in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory
TCSI	: On the inventory, or in compliance with the inventory

### Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

### TSCA - 5(a) Significant New Use Rule List of Chemicals

No substances are subject to a Significant New Use Rule.

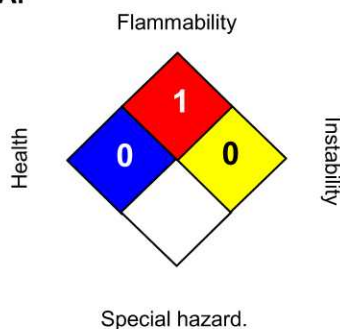
### US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

No substances are subject to TSCA 12(b) export notification requirements.

## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA:



#### HMIS III:

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,

2 = Moderate, 3 = High

4 = Extreme, \* = Chronic

# SAFETY DATA SHEET

Distributed By  
Freeman Manufacturing & Supply Co.  
www.freemansupply.com 800-321-8511



**HUNTSMAN**

Enriching lives through innovation

## ACCELERATOR 178-62 US

Version	Revision Date:	SDS Number:	Date of last issue: 02/25/2016
1.1	09/28/2016	400001012711	Date of first issue: 02/25/2016

Revision Date : 09/28/2016

The information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.

IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.

The trademarks above are the property of Huntsman Corporation or an affiliate thereof.

NO PERSON OR ORGANIZATION EXCEPT A DULY AUTHORIZED HUNTSMAN EMPLOYEE IS AUTHORIZED TO PROVIDE OR MAKE AVAILABLE DATA SHEETS FOR HUNTSMAN PRODUCTS. DATA SHEETS FROM UNAUTHORIZED SOURCES MAY CONTAIN INFORMATION THAT IS NO LONGER CURRENT OR ACCURATE.