



# Safety Data Sheet

L4145-30G  
ADH 4145-30G TYP III Series

Revision Date 30-Jan-2015  
Supersedes Date: No information available  
Version 1

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

Product Name ADH 4145-30G TYP III Series  
Product Code L4145-30G

Product(s) Covered  
L4145-30G-59 LADH4145-30G-59 BMS5-30G TYPE3  
L4145-30G-59P ADH 4145-30G TYP III 5 GA  
L4145-30G-59V ADH 4145-30G - 5 GALLON PAIL  
L4145-30G-72 ADH 4145-30G TYP III 1 GA  
L4145-30G-82 LADH4145-30G TYP III 1 QT  
L4145-30G-OH ADH 4145-30G TYP III 54 GA  
L4145-30G-OHV ADH 4145-30G - 54GA DRUM

### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended use No information available.  
Uses Advised Against No information available

### 1.3. Details of the Supplier of the Safety Data Sheet

Company Name  
Bostik, Inc.  
11320 W. Watertown Plank Road  
Wauwatosa, Wisconsin 53226 USA  
Phone: +1 (800) 843-0844 (Domestic Toll Free)  
Phone: +1 (414) 774-2250 (International)  
Fax: +1 (414) 774-8075  
Email: msds@bostik-us.com

### 1.4. Emergency Telephone Number

Emergency Telephone Telephone: 1-800-227-0332  
(Outside U.S.) 1-703-527-3887

## Section 2: HAZARD IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

Serious Eye Damage/Eye Irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Flammable Liquids	Category 2

### 2.2. Label Elements

#### EMERGENCY OVERVIEW

DANGER

# Safety Data Sheet

L4145-30G  
ADH 4145-30G TYP III Series

Revision Date 30-Jan-2015  
Supersedes Date: No information available  
Version 1

## Hazard statements

Causes serious eye irritation  
May cause drowsiness or dizziness  
Highly flammable liquid and vapor



**Appearance** No information available

**Physical State** Liquid

**Odor** Solvent

## Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof electrical/ventilating/lighting/equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Wear protective gloves/protective clothing/eye protection/face protection  
Keep cool

## Precautionary Statements - Response

Not applicable  
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.  
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. Call a POISON CENTER or doctor/physician if you feel unwell.  
In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.

## Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed  
Store locked up

## Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

## Hazards Not Otherwise Classified (HNOC)

Not applicable

## Unknown Toxicity

30.94% of the mixture consists of ingredient(s) of unknown toxicity

## 2.3. Other Information

May be harmful if swallowed. May be harmful in contact with skin.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

# Safety Data Sheet

L4145-30G  
ADH 4145-30G TYP III Series

Revision Date 30-Jan-2015  
Supersedes Date: No information available  
Version 1

Not applicable

## 3.2 Mixtures

Chemical Name	CAS No	Weight-%
Acetone	67-64-1	30 - 60
Methyl ethyl ketone	78-93-3	10 - 30

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## Section 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

<b>General Advice</b>	If medical advice is needed, have product container or label at hand.
<b>Eye contact</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
<b>Skin Contact</b>	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
<b>Self-protection of the First Aider</b>	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 4.2. Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms** None known.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

**Note to physicians** Treat symptomatically.

### 4.4. Reference to Other Sections

**Reference to Other Sections** See Section 12: ECOLOGICAL INFORMATION  
Section 7: HANDLING AND STORAGE  
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media**  
Use CO<sub>2</sub>, dry chemical, or foam.

**Unsuitable Extinguishing Media**  
Use water spray or fog; do not use straight streams.

### 5.2. Special Hazards Arising from the Substance or Mixture

**Specific Hazards Arising from the Chemical**  
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

### Explosion Data

# Safety Data Sheet

L4145-30G  
ADH 4145-30G TYP III Series

Revision Date 30-Jan-2015  
Supersedes Date: No information available  
Version 1

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

## 5.3. Advice for Firefighters

### Protective Equipment and Precautions for Firefighters

Move containers from fire area if you can do it without risk.

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions	Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas.
Other Information	Water spray may reduce vapor; but may not prevent ignition in closed spaces.
For Emergency Responders	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2. Environmental Precautions

Environmental Precautions	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
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### 6.3. Methods and Material for Containment and Cleaning up

Methods for Containment	Dike far ahead of spill; use dry sand to contain the flow of material. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).
Methods for Cleaning up	Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal.

### 6.4. Reference to other sections

Reference to Other Sections	See Section 12: ECOLOGICAL INFORMATION Section 7: HANDLING AND STORAGE SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
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## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

Advice on Safe Handling	Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take precautionary measures against static charges. Use explosion-proof electrical/ventilating/lighting/equipment.
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### 7.2. Conditions for Safe Storage, including any Incompatibilities

Storage Conditions	Keep only in the original container/package in a cool well-ventilated place.
Incompatible Materials	Strong acids and bases.

### 7.3. Specific End Use(s)

Other Information	No information available.
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# Safety Data Sheet

L4145-30G  
ADH 4145-30G TYP III Series

Revision Date 30-Jan-2015  
Supersedes Date: No information available  
Version 1

## 7.4. References to Other Sections

Reference to Other Sections See Section 12: ECOLOGICAL INFORMATION  
Section 7: HANDLING AND STORAGE  
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexico
Acetone 67-64-1	STEL: 500 ppm TWA: 250 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup> STEL: 1260 ppm STEL: 3000 mg/m <sup>3</sup>
Methyl ethyl ketone 78-93-3	STEL: 300 ppm TWA: 200 ppm	IDLH: 3000 ppm TWA: 200 ppm TWA: 590 mg/m <sup>3</sup> STEL: 300 ppm STEL: 885 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 590 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 590 mg/m <sup>3</sup> STEL: 300 ppm STEL: 885 mg/m <sup>3</sup>

Chemical Name	Argentina	Brazil	Chile	Venezuela
Acetone 67-64-1	TWA: 500 ppm STEL: 750 ppm	TWA: 780 ppm TWA: 1870 mg/m <sup>3</sup>	TWA: 600 ppm TWA: 1424 mg/m <sup>3</sup>	STEL: 750 ppm TWA: 500 ppm
Methyl ethyl ketone 78-93-3	TWA: 200 ppm STEL: 300 ppm	TWA: 155 ppm TWA: 460 mg/m <sup>3</sup>	TWA: 160 ppm TWA: 472 mg/m <sup>3</sup>	STEL: 300 ppm TWA: 200 ppm

### 8.2. Exposure Controls

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

#### Personal protective equipment [PPE]

**Eye/Face Protection** Tight sealing safety goggles. Face protection shield.  
**Skin and Body Protection** Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.  
**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.  
**General Hygiene Considerations** Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

**Physical State** Liquid  
**Color** Colorless to yellow  
**Odor** Solvent  
**Odor Threshold** No information available

Property	Values	Remarks • Method
pH	No information available	

# Safety Data Sheet

L4145-30G  
ADH 4145-30G TYP III Series

Revision Date 30-Jan-2015  
Supersedes Date: No information available  
Version 1

<b>Melting Point/Freezing Point</b>	No information available
<b>Boiling Point</b>	56.1 °C / 133 °F
<b>Flash Point</b>	-23.3 °C / -9.9 °F
<b>Evaporation Rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability Limit in Air</b>	
<b>Upper Flammability Limit</b>	No information available
<b>Lower Flammability Limit</b>	No information available
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	No information available
<b>Specific Gravity</b>	No information available
<b>Water Solubility</b>	No information available
<b>Solubility in Other Solvents</b>	
<b>Partition Coefficient</b>	No information available
<b>Autoignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	No information available
<b>Kinematic Viscosity</b>	No information available
<b>Dynamic Viscosity</b>	No information available
<b>Explosive Properties</b>	No information available
<b>Oxidizing Properties</b>	No information available

## 9.2. Other Information

<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>Solvent Content (%)</b>	No information available
<b>Solid Content (%)</b>	30
<b>Density</b>	.880 g/ml
<b>VOC</b>	248.0 g/L

## **Section 10: STABILITY AND REACTIVITY**

### 10.1. Reactivity

Stable under recommended storage conditions.

### 10.2. Chemical Stability

Stable under recommended storage conditions.

### 10.3. Possibility of Hazardous Reactions

None under normal processing.

### 10.4. Conditions to Avoid

Keep away from heat, sparks and flames.

### 10.5. Incompatible Materials

Strong acids and bases.

### 10.6. Hazardous Decomposition Products

None known based on information supplied.

## **Section 11: TOXICOLOGY INFORMATION**

### 11.1. Information on Toxicological Effects

<b>Product Information</b>	No Data Available
<b>Inhalation</b>	No Data Available.

# Safety Data Sheet

L4145-30G  
ADH 4145-30G TYP III Series

Revision Date 30-Jan-2015  
Supersedes Date: No information available  
Version 1

<b>Eye contact</b>	No Data Available.
<b>Skin Contact</b>	No Data Available.
<b>Ingestion</b>	No Data Available.

## Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Acetone 67-64-1	= 5800 mg/kg ( Rat )	>15800 mg/Kg (rat)	= 50100 mg/m <sup>3</sup> ( Rat ) 8 h
Methyl ethyl ketone 78-93-3	= 2483 mg/kg ( Rat ) = 2737 mg/kg ( Rat )	= 5000 mg/kg ( Rabbit ) = 6480 mg/kg ( Rabbit )	= 11700 ppm ( Rat ) 4 h

## Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

<b>Symptoms</b>	No information available.
<b>Skin Corrosion/Irritation</b>	No information available.
<b>Serious Eye Damage/Eye Irritation</b>	No information available.
<b>Irritation</b>	No information available.
<b>Corrosivity</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>Developmental Toxicity</b>	No information available.
<b>Teratogenicity</b>	No information available.
<b>STOT - Single Exposure</b>	No information available.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Chronic Toxicity</b>	Avoid repeated exposure.
<b>Target Organ Effects</b>	Central nervous system, Eyes, Respiratory system, Skin.
<b>Aspiration Hazard</b>	No information available.
<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by ACGIH, OSHA, IARC or NTP at or above 0.1 wt%.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Acetone 67-64-1		LC50 96 h 4.74 - 6.33 mL/L (Oncorhynchus mykiss ) LC50 96 h 6210 - 8120 mg/L (Pimephales promelas static) LC50 96 h = 8300 mg/L (Lepomis macrochirus )	EC50 = 14500 mg/L 15 min	EC50 48 h 10294 - 17704 mg/L (Daphnia magna Static) EC50 48 h 12600 - 12700 mg/L (Daphnia magna )
Methyl ethyl ketone 78-93-3	EC50=1972 mg/l (Pseudokirchneriella subcapitata)	LC50 96 h 3130 - 3320 mg/L (Pimephales promelas flow-through)	EC50 = 3403 mg/L 30 min EC50 = 3426 mg/L 5 min	EC50 48 h > 308 mg/L (Daphnia magna )

### 12.2. Persistence and Degradability

No information available.

### 12.3. Bioaccumulative Potential

# Safety Data Sheet

L4145-30G  
ADH 4145-30G TYP III Series

Revision Date 30-Jan-2015  
Supersedes Date: No information available  
Version 1

No information available.

## 12.4. Mobility in Soil

No information available.

## 12.5 Other adverse effects

No information available

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

#### **Disposal of Wastes**

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations

#### **Contaminated Packaging**

Dispose of in accordance with federal, state and local regulations

## Section 14: TRANSPORT INFORMATION

### DOT

UN/ID No	UN1133
Proper Shipping Name	Adhesives
Hazard Class	3
Packing Group	II
Special Provisions	149, B52, IB2, T4, TP1, TP8
Description	UN1133 ADHESIVES , 3, II
Emergency Response Guide Number	128

### IATA

UN/ID No	UN1133
Proper Shipping Name	Adhesives
Hazard Class	3
Packing Group	II
ERG Code	3L
Special Provisions	A3
Description	UN1133 ADHESIVES , 3, II

### IMDG

UN/ID No	UN1133
Proper Shipping Name	Adhesives
Hazard Class	3
Packing Group	II
EmS-No	F-E, S-D
Description	UN1133 ADHESIVES , 3, II, (-23.3°C c.c.)

## Section 15: REGULATORY INFORMATION

### Global Inventories

TSCA	Listed
DSL	Listed

# Safety Data Sheet

L4145-30G  
ADH 4145-30G TYP III Series

Revision Date 30-Jan-2015  
Supersedes Date: No information available  
Version 1

## Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**Listed** - The components of this product are either listed or exempt from listing on inventory.

**Not Listed** - One or more components of this product are not listed on inventory.

## Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

## WHMIS Hazard Class

B2 - Flammable liquid

D2B - Toxic materials



## United States of America

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

### SARA 311/312 Hazard Categories

Acute Health Hazard	yes
Chronic Health Hazard	No
Fire Hazard	yes
Sudden release of pressure hazard	No
Reactive Hazard	No

### California Proposition 65

This product does not contain one or more substances listed on Proposition 65 at or above 0.01 wt. %.

## Europe

### Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation.

### EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## Section 16: OTHER INFORMATION

**HMIS**                      Health Hazards 2                      Flammability 3                      Physical Hazards 0                      Personal Protection X

### Key or Legend to Abbreviations and Acronyms Used in the Safety Data Sheet

No information available

### Key Literature References and Sources for Data

# Safety Data Sheet

L4145-30G  
ADH 4145-30G TYP III Series

**Revision Date** 30-Jan-2015  
**Supersedes Date:** No information available  
**Version** 1

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No information available

<b>Prepared By</b>	Product Safety & Regulatory Affairs
<b>Revision Date</b>	30-Jan-2015
<b>Revision Note</b>	Not applicable.
<b>Training Advice</b>	Provide adequate information, instruction, and training for operator
<b>Further information</b>	No information available

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**