

Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EU) 2015/830

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name: Solvent, Nozzle Clean

Product Code: 47-0053-01

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

Product Use: Nozzle cleaner for use on EXTERNAL nozzle cleaning

1.3 Details of the supplier of the safety data sheet

BestCode

3034 SE Loop 820

Fort Worth, TX 76140

817-349-8555

For further information, please contact Customer Service:

Customer Service: 817-349-8555

Email: Info@Bestcode.co

1.4 Emergency telephone number

Emergency Contact: Local Poison Information Center

Chem Tel. Inc. Toll Free 800-255-3924

International 813-248-0585

Section 2: Hazards identification

2.1 Classification of the mixture in accordance with Article 40 of Regulation (EC) No 1272/2008

GHS Rating:

Skin Irritation Category 2

Eye Irritation Category 2A

2.2 Label elements



Signal word: Warning

Hazard statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation



Safety Data Sheet

Date: 1/2/2018

Product Number: 47-0053-01

Revision:

Product Name: Solvent, Nozzle Clean

Precautionary statements:

- P264 Wash hands thoroughly after handling.
- P280 Wear protective gloves/eye protection/face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.

2.3 Other Hazards

- Eyes** Causes eye irritation
- Inhalation** May be harmful if inhaled. Causes respiratory tract irritation.
- Skin** Causes skin irritation
- Ingestion** May be harmful if swallowed

Section 3: Composition/information on ingredients

3.1 Substances:

3.2 Mixtures:

CAS #	EC #	Hazardous components / REACH Registration No.	Concentration	GHS Classification
64-19-7	200-580-7	Acetic Acid	2.0-10.0	
-	-	Proprietary oil mixture	<1.0%	
7732-18-5	231-791-2	Water	90-98%	

Section 4: First Aid Measures

4.1 Description of first aid measures

- Inhalation Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary
- Eyes: Rinse with plenty of water for at least 15 minutes and seek medical attention if necessary
- Skin: Flush with plenty of water and wash using soap. Get medical attention if necessary

Safety Data Sheet

Date: 1/2/2018

Product Number: 47-0053-01

Revision:

Product Name: Solvent, Nozzle Clean

Ingestion: **Do Not Induce Vomiting!** Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention if necessary.

4.2 Most Important symptoms and effects, both acute and delayed

N/A

4.3 Indication of any immediate medical attention and special treatment needed

Notes to doctor: N/A

Section 5: Fire Fighting Measures

5.1 Extinguishing media

Product is not flammable. Use appropriate media for adjacent fire. Cool unopened containers with water.

5.2 Special hazards arising from the substance or mixture

Emits toxic fumes (carbon oxides) under fire conditions. (See also Stability and Reactivity section).

5.3 Advice for firefighters

Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

See section 8 for recommendations on the use of personal protective equipment

6.1.2 For emergency responders

See section 8 for recommendations on the use of personal protective equipment

6.2 Environmental Precautions

Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements.

6.3 Methods and material for containment and cleaning up



Safety Data Sheet

Date: 1/2/2018

Product Number: 47-0053-01

Revision:

Product Name: Solvent, Nozzle Clean

6.3.1 For Containment:

Absorb spill with noncombustible absorbent material, then place in a suitable container for disposal. Clean surfaces thoroughly with water to remove residual contamination.

6.3.2 Clean up and disposal of spill:

Dispose of all waste and cleanup materials in accordance with regulations.

Section 7: Handling and storage

7.1 Precautions for safe handling

See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of aerosols.

7.2 Conditions for safe storage, including any compatibilities

Store in cool, dry well-ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities)

7.3 Specific end use(s)

For use as a soaking clean agent for use on BestCode CIJ nozzles of all sizes. Product should NOT be used for performing backflushing, and should only be used on nozzles that have been removed from the system and thoroughly pre-cleaned with an ink type appropriate solvent.

Section 8: Exposure control/personal protection

8.1 Control parameters

CAS #	Hazardous components	ACGIH	Australia	Austria
64-19-7	Acetic Acid	TLV:10 ppm 25 mg/m ₃ STEL: 15 ppm 37 mg/m ₃		
-	Proprietary oil mixture			

CAS #	Hazardous components	Belgium OEL	California, USA PELs	Ontario, CA
64-19-7	Acetic Acid			



Safety Data Sheet

Date: 1/2/2018

Product Number: 47-0053-01

Revision:

Product Name: Solvent, Nozzle Clean

-	Proprietary oil mixture			
---	-------------------------	--	--	--

CAS #	Hazardous components	China	Québec, CA	German AGS
64-19-7	Acetic Acid			
-	Proprietary oil mixture			

CAS #	Hazardous components	Germany MAK/TRK	Denmark OEL	Spain OEL
64-19-7	Acetic Acid			
-	Proprietary oil mixture			

CAS #	Hazardous components	Europe	Finland OEL	France VL
64-19-7	Acetic Acid			
-	Proprietary oil mixture			

CAS #	Hazardous components	Hungary OEL	Ireland OEL	Italy OEL
64-19-7	Acetic Acid			
-	Proprietary oil mixture			

CAS #	Hazardous components	South Korea	Latvia OEL	Mexico OEL
64-19-7	Acetic Acid			
-	Proprietary oil mixture			

CAS #	Hazardous components	Malaysia OEL	NIOSH	Netherlands OEL
64-19-7	Acetic Acid		REL: 10 ppm 25 mg/m ³ STEL: 15 ppm 37 mg/m ³	
-	Proprietary oil mixture			

CAS #	Hazardous components	New Zealand	OSHA PELs	Poland
64-19-7	Acetic Acid		10 ppm 25 mg/m	
-	Proprietary oil mixture			

Safety Data Sheet

Date: 1/2/2018

Product Number: 47-0053-01

Revision:

Product Name: Solvent, Nozzle Clean

CAS #	Hazardous components	Sweden OEL	Singapore	Britain EH40
64-19-7	Acetic Acid			
-	Proprietary oil mixture			

8.2 Exposure controls:

8.2.1 Appropriate engineering controls:

Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

8.2.2 Individual protection measures, such as personal protective equipment

Eye/Face protection: Wear chemical safety glasses or goggles.
Skin protection: Wear nitrile or rubber gloves.
Respiratory protection: Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.
Hygienic Practices: DO NOT SMOKE IN WORK AREA! Promptly remove contaminated clothing. Wash immediately if skin becomes contaminated. Do not eat or drink in work area while using this product. Wash thoroughly at the end of the workday, before eating and using the restroom.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Clear, colorless liquid.		
Odor:	Slightly vinegar-like.	Odor threshold:	
pH:		Melting point:	
Boiling range:		Flash point:	Not Flammable
Evaporation rate:		Upper Explosive Limit:	Not Explosive
		Lower Explosive Limit:	Not Explosive
Flammability:	Not Flammable	Vapor Pressure:	
Vapor density:		Relative Density:	1.003
Solubility(ies):	Soluble in water	Partition coefficient n-octanol/water:	
Auto-ignition temperature:		Decomposition temperature:	
Viscosity:			
Explosive properties:	Not Explosive		

Oxidizing properties:	
------------------------------	--

9.2 Other information:

Miscibility:		VOC:	
---------------------	--	-------------	--

Section 10: Stability and reactivity

10.1 Reactivity

Not Available

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

Will not occur

10.4 Conditions to avoid:

Not Available

10.5 Incompatible materials:

Oxidizing agents, soluble carbonates and phosphates, hydroxides, metals, peroxides, permanganates, e.g. potassium permanganate, amines, alcohols.

10.6 Hazardous decomposition products

Carbon oxides.

Section 11: Toxicological information

11.1 Information on Toxicological effects

Acute toxicity:	Not Available
Skin corrosion/irritation:	Not Available
Serious eye damage/irritation:	Not Available
Respiratory or skin sensitization:	Not Available
Germ cell mutagenicity:	Not Available
Carcinogenicity:	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.



Safety Data Sheet

Date: 1/2/2018

Product Number: 47-0053-01

Revision:

Product Name: Solvent, Nozzle Clean

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

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

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

Reproductive toxicity:	Not Available
STOT-single exposure:	Not Available
STOT-repeated exposure:	Not Available
Aspiration hazard	Not Available

11.1.1 Hazard Class information:

Not Available

11.1.2 Mixture toxicity:

Not Available

11.1.3 Critical studies:

Not Available

11.1.4 Non-compliance hazard class:

Not Available

11.1.5 Information on likely routes of exposure:

Not Available

11.1.6 Symptoms related to the physical, chemical and toxicological characteristics:

Not Available

11.1.7 Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Skin Reddening, itching, inflammation.

Eyes Irritation, lacrimation, redness, pain.

Respiratory Sneezing, coughing, edema of larynx.

Ingestion Pain of the mouth, throat, nausea, abdominal spasms, vomiting, diarrhea.

11.1.8 Interactive effects:

Not Available



Safety Data Sheet

Date: 1/2/2018

Product Number: 47-0053-01

Revision:

Product Name: Solvent, Nozzle Clean

11.1.9 Absence of specific data:

Not Available

11.1.10 Mixtures:

Not Available

11.1.11 Mixture vs Substance information:

Not Available

11.1.12 Other information:

Not Available

Section 12: Ecological information

12.1 Toxicity:

Not Available

12.2 Persistence and degradability:

Not Available

12.3 Bioaccumulative potential:

Not Available

12.4 Mobility in soil:

Not Available

12.5 Results of PBT and vPvB assessment:

Not Available

12.6 Other adverse effects:

Not Available

Section 13: Disposal considerations

13.1 Waste treatment methods:

Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product or residue. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Safety Data Sheet

Date: 1/2/2018

Product Number: 47-0053-01

Revision:

Product Name: Solvent, Nozzle Clean

Section 14: Transport information

14.1	UN number:	Not Dangerous Goods
14.2	Proper shipping name:	
	US DOT:	Not Dangerous Goods
	Canadian TDG:	Not Dangerous Goods
	European ADR/RID:	Not Dangerous Goods
	IMDG/IMO:	Not Dangerous Goods
	ICAO/IATA:	Not Dangerous Goods
14.3	Transport hazard class(es) :	Not Dangerous Goods
14.4	Packing group:	Not Dangerous Goods
14.5	Environmental hazards:	N/A
14.6	Special precautions for user:	N/A
14.7	Transport in bulk according to Annex II of Marpol and the IBC Code:	
		N/A

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists				
CAS #	Hazardous components	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
-	-	-	-	-

CAS #	Hazardous components	Canadian NPRI	Canadian Toxic	Canadian DSL
-	-	-	-	-

CAS #	Hazardous components	CAA HAP, ODC	CWA NPDES	TSCA
-	-	-	-	-

CAS #	Hazardous components	CA Prop 65	Mexico INSQ	Australia ICS



Safety Data Sheet

Date: 1/2/2018

Product Number: 47-0053-01

Revision:

Product Name: Solvent, Nozzle Clean

CAS #	Hazardous components	New Zealand IOC	China IECSC	Japan ENCS
-	-	-	-	-

CAS #	Hazardous components	Japan ISHL	Korea ECL	Philippines
-	-	-	-	-

CAS #	Hazardous components	Taiwan TCSCA	Singapore HSL	Israel HSL:
-	-	-	-	-

CAS #	Hazardous components	Germany WHCS	Switzerland Giftliste 1	Switzerland INNS
-	-	-	-	-

CAS #	Hazardous components	REACH	Kyoto GHG	Rotterdam
-	-	-	-	-

CAS #	Hazardous components	Stockholm		
-	-	-	-	-

Canadian WHMIS Classification:

N/A

15.2 Chemical safety assessment

Section 16: Other information

Revision Date: 1/2/2018

Revision Notes:

Additional Information:



Safety Data Sheet

Date: 1/2/2018

Product Number: 47-0053-01

Revision:

Product Name: Solvent, Nozzle Clean

Company Disclaimer:

The information and recommendations contained herein are, to the best of BestCode's knowledge and belief, accurate and reliable as of the date issued. Because many factors may affect processing or application/use, BestCode recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If buyer repackages this product, it is the user's responsibility to insure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, republication or retransmission of this document, in whole or in part, is not-permitted. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by BestCode hereunder are given gratis and BestCode assumes no obligation or liability for the description, designs, data and information given or results obtained. All such being given and accepted at your risk.