

Date of issue: 12/08/2025

Reviewed on 12/08/2025

1 Identification

- Product identifier**- Trade name:** Blast Accelerator for Ultra Bond Instant Adhesive**- Other means of identification****- Part number:** 80-317**- Application of the substance / the mixture** Accelerator**- Details of the supplier of the safety data sheet****- Manufacturer/Supplier:**Kimball Midwest
4800 Roberts Road
Columbus, OH 43228
Tel: (800) 233-1294**- Information department:** Product Safety Department**- Emergency telephone number:**

United States: 1-800-424-9300

International: +1-703-527-3887

2 Hazard(s) identification

- Classification of the substance or mixture

GHS02 Flame

Flammable liquids 2

H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Carcinogenicity 2

H351 Suspected of causing cancer.

Aspiration hazard 1

H304 May be fatal if swallowed and enters airways.



GHS07

Skin irritation 2

H315 Causes skin irritation.

Eye irritation 2A

H319 Causes serious eye irritation.

Specific target organ toxicity (single exposure) 3 H336 May cause drowsiness or dizziness.

- Label elements**- GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).**- Hazard pictograms**

GHS02 GHS07 GHS08

- Signal word Danger**- Hazard-determining components of labeling:**HEPTANE
acetone
N,N-dimethyl-p-toluidine**- Hazard statements**H225 Highly flammable liquid and vapor.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.**- Precautionary statements**P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground / bond container and receiving equipment.
P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
P242 Use non-sparking tools.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

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P280	Wear protective gloves.
P280	Wear eye protection / face protection.
P301+P310	If swallowed: Immediately call a poison center/doctor.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340	If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a poison center/doctor if you feel unwell.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

- Other hazards**- Results of PBT and vPvB assessment**- **PBT:** Not applicable.- **vPvB:** Not applicable.**- Classification according to (d)(1)(ii) of § 1910.1200**

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

- Hazards not otherwise classified

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

3 Composition/information on ingredients

- Chemical characterization: Mixtures- **Description:** Mixture of the substances listed below with nonhazardous additions.**- Dangerous components:**

CAS: 67-64-1	acetone Flammable liquids 2, H225; Eye irritation 2A, H319; Specific target organ toxicity (single exposure) 3, H336	45 – 70%
CAS: 142-82-5	HEPTANE Flammable liquids 2, H225; Aspiration hazard 1, H304; Skin irritation 2, H315; Specific target organ toxicity (single exposure) 3, H336	15 – 40%
CAS: 99-97-8	N,N-dimethyl-p-toluidine Acute toxicity - oral 3, H301; Acute toxicity - dermal 3, H311; Carcinogenicity 2, H351; Specific target organ toxicity (repeated exposure) 2, H373; Acute toxicity - inhalation 4, H332; Flammable liquids 4, H227	0.1 – 1%

4 First-aid measures

- Description of first aid measures**- After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air; consult doctor in case of complaints.

- After skin contact: Immediately wash with water and soap and rinse thoroughly.**- After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.**- After swallowing:** If symptoms persist consult doctor.**- Most important symptoms and effects, both acute and delayed** No further relevant information available.**- Indication of any immediate medical attention and special treatment needed** No further relevant information available.

5 Fire-fighting measures

- Extinguishing media**- Suitable extinguishing agents:**CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**- For safety reasons unsuitable extinguishing agents:** Water**- Special hazards arising from the substance or mixture** No further relevant information available.**- Advice for firefighters****- Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

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Wear protective clothing.

- Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.

- Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents
Dispose of the collected material according to regulations.

- Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

- Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

- Conditions for safe storage, including any incompatibilities**- Storage:**

- Requirements to be met by storerooms and receptacles: No special requirements.

- Information about storage in one common storage facility: Not required.

- Further information about storage conditions: Keep receptacle tightly sealed.

- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Control parameters**- Components with limit values that require monitoring at the workplace:****CAS: 67-64-1 acetone**

PEL Long-term value: 2400 mg/m³, 1000 ppm

REL Long-term value: 590 mg/m³, 250 ppm

TLV Short-term value: 1187 mg/m³, 500 ppm
Long-term value: 594 mg/m³, 250 ppm
A4, BEI

CAS: 142-82-5 HEPTANE

PEL Long-term value: 2000 mg/m³, 500 ppm

REL Long-term value: 350 mg/m³, 85 ppm
Ceiling limit value: 1800* mg/m³, 440* ppm
*15-min

TLV Short-term value: 400 ppm
Long-term value: 200 ppm
OTO

CAS: 99-97-8 N,N-dimethyl-p-toluidine

WEEL Long-term value: 0.5 ppm

- Ingredients with biological limit values:**CAS: 67-64-1 acetone**

BEI 25 mg/L

Medium: urine

Time: end of shift

Parameter: Acetone (nonspecific)

- Additional information: The lists that were valid during the creation were used as basis.

- Exposure controls

- Appropriate engineering controls No further data; see section 7.

- Personal protective equipment:**- General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

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- Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

- Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

- Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- Body protection: Protective work clothing

9 Physical and chemical properties

- Information on basic physical and chemical properties**- General Information****- Physical state**

Liquid

- Color:

Amber colored

- Odor:

Solvent-like

- Odor threshold:

Not determined.

- Melting point/Melting range:

Undetermined.

- Boiling point/Boiling range:

≥ 55.8 – ≤ 56.6 °C (≥ 132.4 – ≤ 133.9 °F)

- Flammability:

Highly flammable.

- Explosion limits:**- Lower:**

1.1 Vol %

- Upper:

13 Vol %

- Flash point:

-17 °C (1.4 °F)

- Auto igniting:

215 °C (419 °F)

- Decomposition temperature:

Not determined.

- pH-value:

Not determined.

- Viscosity:**- Kinematic:**

Not determined.

- Dynamic:

Not determined.

- Solubility in / Miscibility with**- Water:**

Not miscible or difficult to mix.

- Partition coefficient (n-octanol/water):

Not determined.

- Vapor pressure at 20 °C (68 °F):

≤ 233 hPa (≤ 174.8 mm Hg)

- Vapor pressure at 50 °C (122 °F):

≤ 800 hPa (≤ 600 mm Hg)

- Density at 20 °C (68 °F):~ 0.75262 g/cm³ (~ 6.28061 lbs/gal)**- Relative density**

Not determined.

- Vapor density

Not determined.

- Particle characteristics

Not applicable.

- Other information**- Appearance:****- Form:**

Fluid

- Important information on protection of health and environment, and on safety.**- Ignition temperature:**

Product is not selfigniting.

- Danger of explosion:

Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

- Solvent content:**- Organic solvents:**

99.6 %

- VOC content:

34.50 %

- Solids content:

~ 259.7 g/l / ~ 2.17 lb/gal

0.0 %

- Change in condition**- Evaporation rate**

Not determined.

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10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
 - **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects

- Acute toxicity:

- LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimate)

Oral	LD50	36,842 mg/kg (ATE)
Dermal	LD50	78,947 mg/kg

CAS: 67-64-1 acetone

Oral	LD50	5,800 mg/kg (rat)
Dermal	LD50	20,000 mg/kg (rabbit)

CAS: 99-97-8 N,N-dimethyl-p-toluidine

Oral	LD50	140 mg/kg (ATE)
Dermal	LD50	300 mg/kg (ATE)
Inhalative	LC50/4 h	1.4 mg/l (ATE)

- Primary irritant effect:

- **on the skin:** Irritant to skin and mucous membranes.

- **on the eye:** Irritating effect.

- **Sensitization:** No sensitizing effects known.

- Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

- **Interactive effects** No interactive effects between components are known.

- Carcinogenic categories

- IARC (International Agency for Research on Cancer)

CAS: 99-97-8	N,N-dimethyl-p-toluidine	2B
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- NTP (National Toxicology Program)

None of the ingredients is listed.

- OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

- **Alternative sources for toxicological information** No non-standard sources for toxicological information where used.

12 Ecological information

- Toxicity

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- Results of PBT and vPvB assessment

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- Other adverse effects

- **Remark:** Very toxic for fish

- Additional ecological information:

- General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms

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13 Disposal considerations






- Waste treatment methods

- **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- Uncleaned packagings:

- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- UN-Number - DOT, IMDG, IATA	UN1993
- UN proper shipping name - DOT - IMDG - IATA	Flammable liquids, n.o.s. (Acetone, Heptanes) FLAMMABLE LIQUID, N.O.S. (ACETONE, HEPTANES), MARINE POLLUTANT FLAMMABLE LIQUID, N.O.S. (ACETONE, HEPTANES)
- Transport hazard class(es) - DOT	
 	
- Class - Label	3 Flammable liquids 3
- IMDG	
 	
- Class - Label	3 Flammable liquids 3
- IATA	
	
- Class - Label	3 Flammable liquids 3
- Packing group - DOT, IMDG, IATA	II
- Environmental hazards: - Marine pollutant:	Product contains environmentally hazardous substances: HEPTANE Yes Symbol (fish and tree)
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
- Transport/Additional information: - DOT - Quantity limitations - Remarks:	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L Special marking with the symbol (fish and tree).
- IMDG - Limited quantities (LQ) - Excepted quantities (EQ)	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
- Special precautions for user - Hazard identification number (Kemler code): - EMS Number:	Warning: Flammable liquids 33 F-E,S-E

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- Stowage Category	B
- UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S. (ACETONE, HEPTANES), 3, II, ENVIRONMENTALLY HAZARDOUS

15 Regulatory information

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

No further relevant information available.

- Sara

- Section 355 (extremely hazardous substances):

None of the ingredients is listed.

- Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

- TSCA (Toxic Substances Control Act):

All components have the value ACTIVE.

- Hazardous Air Pollutants

None of the ingredients is listed.

- Proposition 65

- Chemicals known to cause cancer:

CAS: 99-97-8 | N,N-dimethyl-p-toluidine

- Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

- Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

- Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

- Carcinogenic categories

- EPA (Environmental Protection Agency)

CAS: 67-64-1 | acetone
 I |
CAS: 142-82-5 | HEPTANE
 D |

- TLV (Threshold Limit Value)

CAS: 67-64-1 | acetone
 A4 |

- NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

*16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing SDS: Safety, Health and Environmental Affairs

- Classification System:

- HMIS-ratings (scale 0 - 4)

HEALTH	2	Health = 2
FIRE	3	Fire = 3
REACTIVITY	0	Reactivity = 0

- NFPA ratings (scale 0 - 4)

2	3	0	Health = 2
			Fire = 3
			Reactivity = 0

- Date of previous version 10/23/2025

- Version number of previous version: 35

- Date of preparation 12/08/2025

- Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)

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VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Flammable liquids 2: Flammable liquids – Category 2
Flammable liquids 4: Flammable liquids – Category 4
Acute toxicity - oral 3: Acute toxicity – Category 3
Acute toxicity - inhalation 4: Acute toxicity – Category 4
Skin irritation 2: Skin corrosion/irritation – Category 2
Eye irritation 2A: Serious eye damage/eye irritation – Category 2A
Carcinogenicity 2: Carcinogenicity – Category 2
Specific target organ toxicity (single exposure) 3: Specific target organ toxicity (single exposure) – Category 3
Specific target organ toxicity (repeated exposure) 2: Specific target organ toxicity (repeated exposure) – Category 2
Aspiration hazard 1: Aspiration hazard – Category 1

- * **Data compared to the previous version altered.**