

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

BK-747

Revision: 11/1/2017

1. Identification

Product identifier

Product name: BK-747

Product number: 300

Recommended use and restriction on use

Recommended use: Alkaline cleaner/detergent

Restrictions on use: See Sections 8 and 10 for further information.

Details of the supplier of the Safety Data Sheet

Verax Chemical Company
20102 Broadway Ave
Snohomish, WA 98296
Tel: 360-668-2431

Emergency telephone number

USA: (800) 535-5053 International: +1 (352) 323-3500

2. Hazard(s) identification

Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

The product is not classified as hazardous according to the Globally Harmonized System (GHS).

OR

Hazard class and category	Hazard statement code(s)	
Skin corrosion/irritation	Cat. 2.	H315
Serious eye damage/eye irritation	Cat. 1.	H318

Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200) Hazard pictograms

Signal word: Danger

Pictograms



GHS05

Hazard statements

H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements - prevention

Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection.

Precautionary statements – response

Immediately call a POISON CENTER or doctor

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

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Precautionary statements – storage

Store locked up.

Precautionary statements – disposal

Dispose of contents / container in accordance with local / regional / national / international regulations

Other hazards

None.

3. Composition/information on ingredients

Chemical Name	CAS No.	Weight %
Tetrasodium Ethylenediaminetetraacetate	64-02-8	5-10
Tetrapotassium pyrophosphate	7320-34-5	1-5
Disodium metasilicate	6834-92-0	1-5
poly(oxy-1,2-ethanediyl), a,a'-[[methyl[3-(tridecyloxy)propyl]iminio]di-2, 1-ethanediyl] bis[w-hydroxy-, branched, chlorides	68610-19-5	1-5

Additional information:

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. **

4. First-aid measures

Description of first aid measures

General Advice

After inhalation

Supply fresh air; consult doctor in case of complaints.

After skin contact

Immediately remove any clothing soiled by the product. Immediately rinse with water. If skin irritation continues, consult a doctor.

After eye contact

Remove contact lenses if worn, if possible. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing

Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.

Most important symptoms and effects, both acute and delayed

Irritant to skin and mucous membranes. Danger of severe eye injury. May be harmful if swallowed. May be harmful if inhaled.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

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Extinguishing media**Suitable extinguishing agents**

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

Unsuitable extinguishing agents: Not determined.

Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

Advice for firefighters**Protective equipment:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures**Personal precautions**

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Particular danger of slipping on leaked/spilled product. Use personal protective equipment as required.

Environmental precautions

Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up**Methods for containment**

Cover drains. Create berms around spill with absorbent material.

Methods for clean-up

Collect material using absorbent material (sawdust, kieselgur (diatomite), sand, universal binder). Place in appropriate containers for disposal. Ventilate affected area.

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**Recommendations**

Prevent formation of aerosols. Use only in well ventilated areas. Avoid splashes or spray in enclosed areas.

Information about protection against explosions and fires: No special measures required.

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

Keep containers tightly sealed. Store away from foodstuffs. Do not store together with acids.

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Requirements to be met by storerooms and receptacles

Store only in the original receptacle.

Incompatible substances or mixtures

Observe compatible storage of chemicals.

Specific end use(s): No relevant information available.

8. Exposure controls/personal protection

Occupational exposure limits

This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Exposure controls**Individual protection measures, such as personal protective equipment****General protective and hygienic measures**

The usual precautionary measures for handling chemicals should be followed. Keep

Eye/face protection

Safety glasses.

Skin and body protection

Protective gloves. Protective work clothing. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Respiratory protection

Not required under normal conditions of use. Use suitable respiratory protective device when aerosol or mist is formed. For spills, respiratory protection may be advisable.

Other protection measures

None.

Limitation and supervision of exposure into the environment

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

Risk management measures See Section 7 for additional information.

9 Physical and chemical properties

Information on physical and chemical properties**Appearance**

Form	Liquid
Color	Green
Odor	Slight solvent
Odor threshold	Not determined
pH	Not determined
Melting point/freezing point	Not determined

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Boiling point/boiling point range	Not determined
Flash point	Not available
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	Not determined
Flammability limit – upper (%)	Not determined
Explosive limit – lower (%)	Not determined
Explosive limit – upper (%)	Not determined
Vapor Pressure at 20°C (68°F)	23 hPa (17 mmHg)
Density at 20°C (68°F)	Not determined
Relative density	Not determined
Vapor density	Not determined
Evaporation rate	Not determined
Solubility(ies)	
Solubility (water)	Fully miscible
Partition coefficient (n-octanol/water)	Not determined
Viscosity	Not determined
Other information	No relevant information available

10 Stability and reactivity

Reactivity

No relevant information available.

Chemical stability

The product is stable under normal conditions

Possibility of hazardous reactions

Strong exothermic reaction with acids.

Conditions to avoid

Avoid acids.

Incompatible materials

Strong acids.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

11 Toxicological information

Information on likely routes of exposure

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regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

DOT

Not regulated.

IATA

Not regulated.

IMDG

Not regulated.

15 Regulatory information

International Inventories

All ingredients are listed or exempt from listing on Chemical Substance Inventory

US Federal Regulations**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

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.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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.

Date of Preparation / current revision: 11/1/2017 /

· **Sources**



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Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers