

# **Safety Data Sheet**

### according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS

HCS 2012

Trade name: Brisk® Advanced

## 1 Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier
- Trade name: Brisk® Advanced Laundry Detergent ST-0157, ST-0145, ST-0163, ST-1040, ST-1041, ST-1042
- Article number: LL10
- . 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.
- · Application of the substance / the preparation Detergent for clothing

### Product dilution information: 4 oz. (118.28 mL) per average washload.

- 1.3 Details of the supplier of the Safety Data Sheet
- · Manufacturer/Supplier:

Stearns Packaging Corporation

4200 Sycamore Avenue (53714)

PO Box 3216

Madison, WI 53704-0216

Phone: 800-655-5008

Email: stearns@stearnspkg.com Website: www.steamspkg.com

1.4 Emergency telephone number:

ChemTel Inc.

(800)255-3924, +1 (813)248-0585

### 2 Hazards identification

~ 4	01 15 15		1 4	
2.1	Classification	of the	substance	or mixture

<ul> <li>Classification according to Regulation (EC) No 1272/20</li> </ul>		ng to Regulation (EC) No 1272/20	008
	Pro	Product as SOLD Product at USE DILUTION	
GHS07	7		Not classified.
Skin Irrit. 2	H315	Causes skin irritation.	Not classified.
Eye Irrit. 2A	H319	Causes serious eye irritation.	Not classified.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

×	Xi; Irritant	Not classified.
R36/3	88: Irritating to eyes and skin.	

• Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

The mixture does not meet the criteria for classification.

· Classification system:

The classification is according to the latest editions of the EU-lists and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists and is supplemented by information from technical literature and by information provided by the company.

· (Contd. on page 2)

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• 2.2 Label elements		
Product as SOLD	Product at USE DIL	UTION
Labeling according to Regulation (EC) No 1272/2008		
H227: Combustible Liquid. (General GHS and USA only) The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412. The product is classified and labeled according to the CLP regulation.	The mixture does not meet the crite	ia for classification.
Hazard pictograms		
<b>(1)</b>	None	
GHS07		
Signal word Warning	None	
Hazard statements		
H315 Causes skin irritation. H319 Causes serious eye irritation.	Avoid contact with eyes.	
Precautionary statements		
P280 Wear protective gloves/eye protection. P264 Wash hands thoroughly after handling. P305+P351+P338+P337+P313 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 attention.		
P303+P361+P353+P363 IF ON SKIN: Take off immediately all contaminated clothing. Wash with plenty of soap and water. Wash contaminated clothing before reuse. P332+P313 If skin irritation occurs: Get medical advice/ attention.		

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# 3 Composition/information on ingredients

### • 3.2 Mixtures

• Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 127087-87-0	Nonyl phenol ethoxylate	<10%
	_ 🔀 Xi R36	
	Eye Irrit. 2B, H320	
CAS: 68081-81-2	Dodecyl benzyl sulfonate	<3%
	<b>№</b> Xi R36/38	j
	Skin Irrit. 2, H315; Eye Irrit. 2A, H319	
CAS: 10213-79-3	Sodium metasilicate, pentahydrate	<1%
	X Xi R41	
	Skin Corr. 1C, H314, Eye Dam. 1, H318	
	◆ STOT-SE 3, H335	
CAS: 9003-01-4	Poly (acrylic acid) dispersant, low molecular weight	<3%

<sup>•</sup> Additional information: For the wording of the listed risk phrases refer to section 16.

# 4 First-aid measures

4.1 Description of first aid measures	
Product as SOLD	Product at USE DILUTION
General information:     No special measures required.	No special measures required.
After inhalation:     Supply fresh air; consult doctor in case of complaints.	No special measures required. Treat symptomatically.
After skin contact:     Immediately wash with water and soap and rinse thoroughly.     If skin irritation continues, consult a doctor.	No known effect after skin contact. Rinse with water for a few minutes.
After eye contact:     Remove contact lenses if worn.     Rinse opened eye for several minutes under running water.     If symptoms persist consult a doctor.	No known effect after eye contact: Rinse with water for a few minutes. If irritation persists, get medical attention.
<ul> <li>After swallowing:         Rinse out mouth and then drink plenty of water.     </li> <li>Do not induce vomiting; call for medical help immediately.</li> </ul>	Get medical attention if symptoms occur.
• 4.2 Most important symptoms and effects both acute and	delayed Cramp, Nausea, Thirst
Hazards No further relevant information available.	No known effects.
• 4.3 Indication of any immediate medical attention and spo	ecial treatment needed
No further relevant information available.	Treat symptomatically.

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# 5 Fire-fighting measures

- 5.1 Extinguishing media
- Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- · For safety reasons unsuitable extinguishing agents: None.
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- 5.3 Advice for firefighters
- Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

· Additional information No further relevant information available.

## 6 Accidental release measures

• 6.1 Personal precautions, protective equipment and emerg	ency procedures
Product as SOLD	Product at USE DILUTION
Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Keep away from ignition sources.	Use personal protective equipment as required.
6.2 Environmental precautions:	
Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.	Avoid contact of large amounts of spilled material and run off with soil and surface waterways.
• 6.3 Methods and material for containment and cleaning up:	
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.	Large Spills: Flush area with water. Prevent entry into waterways. Small Spills: Wipe up with absorbent material.
6.4 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.	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

• 7.1 Precautions for safe handling	
Product as SOLD	Product at USE DILUTION
Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.	Wash hands thoroughly after handling,
Information about fire - and explosion protection:	
No special measures required.	No precautions necessary.

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<ul> <li>7.2 Conditions for safe storage, including any inc</li> </ul>	compatibilities
Storage:	
<ul> <li>Requirements to be met by storerooms and rece</li> </ul>	ptacles:
Product as SOLD	Product at USE DILUTION
No special requirements.	No special requirements:
• Information about storage in one common stora	ge facility:
Store away from foodstuffs.	Store away from foodstuffs.
• Further information about storage conditions:	
Keep container tightly sealed.	No storage precautions necessary.
• 7.3 Specific end use(s)	
No further relevant information available.	

## 8 Exposure controls/personal protection

1	<ul> <li>Additional information about design of technical facilities: No further data; see item 7.</li> </ul>
_	

Product as SOLD

### Product at USE DILUTION

- 8.1 Control parameters
- Ingredients with limit values that require monitoring at the workplace:

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

- DNELs No further relevant information available.
- · PNECs No further relevant information available.
- Additional information: The lists valid during the making were used as basis.
- 8.2 Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

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. The usual precautionary measures are to be adhered to when handling chemicals.

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

### Respiratory protection:

Not required under normal conditions of use.

Not required under normal conditions of use:

#### · Protection of hands:



### Protective gloves

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

No protective equipment is needed under normal conditions.

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	(Contd. from page
Product as SOLD	Product at USE DILUTION
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.	No protective equipment is needed under normal conditions.
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.	No protective equipment is needed under normal conditions.
• For the permanent contact gloves made of the following n	naterials are suitable:
Nitrile rubber, NBR Neoprene gloves Butyl rubber, BR Natural rubber, NR	No protective equipment is needed under normal conditions.
Eye protection:	
Safety glasses	No protective equipment is needed under normal conditions.
Body protection:	
Not required under normal conditions of use.  Protection may be required for spills.	No protective equipment is needed under normal conditions.
• Limitation and supervision of exposure into the environme	ent
No further relevant information available.	No further relevant information available:
Risk management measures	
See Section 7 for additional information.  No further relevant information available.	See Section 7 for additional information. No further relevant information available.

	Product as SOLD	Product at USE DILUTION
• 9.1 Information on basic phy	sical and chemical properties	
General Information		
Appearance:		
Form:	Liquid	Liquid
Color:	Blue	Coloriess
• Odor:	Sweet fruity	Faint sweet fruity
Odor threshold:	Not determined.	Not determined.

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	Product as SOLD	(Contd. from p
• pH-value at 25 °C:	10.5 ± 0.5 for concentrate	7.0 - 8.0
Change in condition     Melting point/Melting range:     Boiling point/Boiling range:	Undetermined. 212 °F / 100 °C	Undetermined. 212 °F / 100 °C
• Flash point:	>200 °F / >93 °C	>200 °F / >93 °C
• Flammability (solid, gaseous):	Not applicable.	Not applicable.
• Ignition temperature:	Not determined.	Not determined.
Decomposition temperature:	Not determined.	Not determined:
• Self-igniting:	Product is not self-igniting.	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.	Product does not present an explosion hazard.
<ul> <li>Explosion limits: Lower: Upper:</li> </ul>	Not determined. Not determined.	Not determined. Not determined.
Vapor pressure at 20 °C:	23 hPa	Not determined.
Density at 20 °C:     Relative density     Vapor density     Evaporation rate	1.025 g/cm³ Not determined. Not determined. Not determined.	Not determined. Not determined. Not determined.
Solubility in / Miscibility with water:	Fully miscible.	Complete E Complete
Partition coefficient (n-octanol/water):	Not determined.	Not determined.
• Viscosity: Dynamic: Kinematic:	100 mPas Not determined.	Not determined.
Solvent content:		
Organic solvents:	0.0%	Not determined.
Water:	86.0%	>99%
Solids content:	14.0%	Not determined.
• 9.2 Other information	No further relevant information available.	No further relevant information available

## 10 Stability and reactivity

- 10.1 Reactivity Not determined.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

• 10.3 Possibility of hazardous reactions

Toxic fumes may be released if heated above the decomposition point.

Reacts with strong acids and alkali.

Reacts with strong oxidizing agents.

- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: Strong oxidizing agents.
- 10.6 Hazardous decomposition products:

Sulphur oxides (SOx)

Carbon monoxide and carbon dioxide

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11.1 Information on toxicological effects	
Product as SOLD	Product at USE DILUTION
• Acute toxicity: >5,000 mg/kg	Non-toxic at use-dilution.
Primary irritant effect:	
on the skin: Irritant to skin and mucous membranes.	No adverse effects due to skin contact are expected.
on the eye: Irritating effect.	Direct contact with eyes may cause temporary irritation.
Sensitization: No sensitizing effects known.	
Additional toxicological information:	
The product shows the following dangers according to the	calculation method of the General EU
Classification Guidelines for Preparations as issued in the	latest version:
Irritant	Not classified

## 12 Ecological information

- 12.1 Toxicity
- Aquatic toxicity: The product contains materials that are harmful to the environment.
- 12.2 Persistence and degradability The product is biodegradable.
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- Additional ecological information:
- · General notes:

This statement was deduced from the properties of the single components.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

- 12.5 Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- 12.6 Other adverse effects No further relevant information available.

# 13 Disposal considerations

Product as SOLD	Product at USE DILUTION
Recommendation	
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements. Must not be disposed together with household garbage. Do not allow product to reach sewage system.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

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· Uncleaned packaging:	
Product as SOLD	Product at USE DILUTION
<ul> <li>Recommendation: Disposal must be made according to official regulations.</li> </ul>	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.
<ul> <li>Recommended cleansing agents: Water, if necessary together with cleansing agents.</li> </ul>	

Product as SOLD	
• 14.1 UN-Number • DOT, ADR, ADN, IMDG, IATA	N/A
14.2 UN proper shipping name     DOT, ADR, ADN, IMDG, IATA	Cleaning Compounds, NOI, liquid.
14.3 Transport hazard class(es)	
• DOT, ADR, ADN, IMDG, IATA • Class	N/A
14.4 Packing group     DOT, ADR, IMDG, IATA	N/A
14.5 Environmental hazards:     Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation":	Cleaning Compounds, NOI, liquid.

# 15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)SARA

Product as SOLD	Product at USE DILUTION
Section 355 (extremely hazardous substances):	
None of the ingredients is listed.	Not applicable:
Section 313 (Specific toxic chemical listings):	
None of the ingredients is listed.	None of the ingredients is listed:
TSCA (Toxic Substances Control Act):	
All ingredients are listed.	All ingredients are listed.

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	(Contd. from page 9
Product as SOLD	Product at USE DILUTION
Proposition 65 (California):	HE TREATMENT AND ADMINISTRATION OF THE PROPERTY OF THE PROPERT
Chemicals known to cause cancer:	
None of the ingredients is listed.	None of the ingredients is listed.
Chemicals known to cause reproductive toxic	
None of the ingredients is listed.	None of the ingredients is listed:
	- 19-19-19-19-19-19-19-19-19-19-19-19-19-1
Chemicals known to cause reproductive toxic	
None of the ingredients is listed.	None of the ingredients is listed.
Chemicals known to cause developmental to:  Ethanol - listing refers specifically to alcoholic how	xicity: erage consumption and is not applicable for product.
None of the ingredients is listed	Not applicable.
Carcinogenic Categories	4 Nov of Directors and State of State o
EPA (Environmental Protection Agency)	
None of the ingredients is listed.	None of the ingredients is listed.
Parlament de la constant de la const	
• IARC (International Agency for Research on C	
None of the ingredients is listed	Not applicable.
• TLV (Threshold Limit Value established by AC	was to their 15th and a record of the late than the control of the late than the control of the late than the late
None of the ingredients is listed	Not applicable.
NIOSH-Ca (National Institute for Occupationa	l Safety and Health)
None of the ingredients is listed.	None of the ingredients is listed.
OSHA-Ca (Occupational Safety & Health Adm	inistration)
All ingredients are listed.	All ingredients are listed.
• Canada	Section 2018 ■ Description of the Section 2018 And the Section 2019 And
Canadian Domestic Substances List (DSL)	
All ingredients are listed.	All ingredients are listed.
Canadian Ingredient Disclosure list (limit 0.1%)	
None of the ingredients is listed.	Not applicable,
	A CONTROL OF THE SECOND SECOND CONTROL OF THE SECOND SECON
Canadian Ingredient Disclosure list (limit 1%)	NAME OF THE PARTY
None of the ingredients is listed.	None of the ingredients is listed.
• 15.2 Chemical safety assessment: A Chemical S	afety 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.

### · Relevant phrases

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

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R36/38

Irritating to eyes and skin.

R41

Risk of serious damage to eyes.

	Product as SC	LU
		_

### Hazardous Material Information System (U.S.A.)

Health	2
Flammability	Ö
Physical hazards	Ö

4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant

Product at USE DILUTION

Health	0	ĺ
Flammability	0	
Physical hazards	0	

4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant

#### NFPA ratings (scale 0 - 4)



Health = 2

Fire = 0

Reactivity = 0



Health = 0

Fire = 0

Reactivity = 0

### MSDS File Name: LL10 BRISK ADVANCED SDS

### · Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

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)

NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

### Sources

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