

Safety Data Sheet 26C

SDS Revision Date:

04/09/2015

1. Identification

1.1. Product Identifier

Product Identity 26C005, 26C015, 26C030, 26C055, 26C260, 26C330
Alternate Names 26C005, 26C015, 26C030, 26C055, 26C260, 26C330m
 WES 26C

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

Intended use See Technical Data Sheet.
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name WESCO Chemicals, Inc.
 PO Box 2506
 Waxahatchie, TX 75168

Emergency

CHEMTREC (USA) (800) 424-9300
Customer Service: WESCO Chemicals, Inc. 972-938-0913

2. Hazard(s) Identification

2.1. Classification of the substance or mixture

Ox. Liq. 3;H272	May intensify fire; oxidizer.
Acute Tox. 4;H302	Harmful if swallowed.
Skin Irrit. 2;H315	Causes skin irritation.
Eye Irrit. 2;H319	Causes serious eye irritation.
Carc. 1B;H350	May cause cancer.
Repr. 2;H361F	Suspected of damaging fertility.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

H272 May intensify fire; oxidizer.
 H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.

26C
 Page 1 of 11

Safety Data Sheet 26C

SDS Revision Date:

04/09/2015

H350 May cause cancer.
 H361f Suspected of damaging fertility.

[Prevention]:

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
 P220 Keep / Store away from clothing combustible materials.
 P221 Take any precaution to avoid mixing with combustibles.
 P260 Do not breathe mist / vapors / spray.
 P262 Do not get in eyes, on skin, or on clothing.
 P264 Wash thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves / eye protection / face protection.

[Response]:

P301+312 IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.
 P302+352 IF ON SKIN: Wash with plenty of soap and water.
 P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
 P308+313 IF exposed or concerned: Get medical advice / attention.
 P321 Specific treatment (see information on this label).
 P330 Rinse mouth.
 P331 Do NOT induce vomiting.
 P332+313 If skin irritation occurs: Get medical advice / attention.
 P337+313 If eye irritation persists: Get medical advice / attention.
 P362 Take off contaminated clothing and wash before reuse.
 P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

[Storage]:

P405 Store locked up.

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

26C
 Page 2 of 11

Safety Data Sheet 26C

SDS Revision Date:

04/09/2015

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Sodium Nitrite CAS Number: 0007632-00-0	10 - 25	Ox. Sol. 3;H272 Acute Tox. 3;H301 Aquatic Acute 1;H400	[1]
Borax 10 MOL CAS Number: 0001303-98-4	1.0 - 10	Repr. 1B;H360FD Acute Tox. 4;H332	[1][2]
Sodium Hydroxide CAS Number: 0001310-73-2	1.0 - 10	Skin Corr. 1A;H314 Acute Tox. 4;H312 Aquatic Acute 2;H401 Aquatic Chronic 2;H411	[1][2]

In accordance with paragraph (f) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview	Possible irritant to skin. Eye irritant. Causes eye burns. Damage may be irreversible. Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 3 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure. See section 2 for further details.
Eyes	Causes serious eye irritation.
Skin	Causes skin irritation.

Safety Data Sheet 26C

SDS Revision Date:

04/09/2015

Ingestion Harmful if swallowed.

5. Fire-fighting measures

5.1. Extinguishing media

Not applicable

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.
Keep away from heat / sparks / open flames / hot surfaces - No smoking.
Keep / Store away from clothing combustible materials.
Take any precaution to avoid mixing with combustibles.
Do not breathe mist / vapors / spray.
Do not get in eyes, on skin, or on clothing.

5.3. Advice for fire-fighters

None

ERG Guide No. 140

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Steps to be taken in Case Material is Released or Spilled
If spilled: Flush with water and neutralize with lime or soda ash and flush to sewer.

Waste Disposal Method

Disposal: May be disposed of in sealed container in an approved waste disposal facility with large amounts of water according to Federal, State, and local regulations.

7. Handling and storage

7.1. Precautions for safe handling

Do not get in eyes and avoid breathing fumes. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

**Safety Data Sheet
26C**

SDS Revision Date:

04/09/2015

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Powdered zirconium

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

**8.1. Control parameters
Exposure**

CAS No.	Ingredient	Source	Value
0001303-98-4	Borax 10 MOL	OSHA	No Established Limit
		ACGIH	TWA: 2 mg/m3 STEL: 6 mg/m3
		NIOSH	TWA 5 mg/m3
		Supplier	No Established Limit
0001310-73-2	Sodium Hydroxide	OSHA	TWA 2 mg/m3
		ACGIH	Ceiling: 2 mg/m3
		NIOSH	C 2 mg/m3
		Supplier	No Established Limit
0007632-00-0	Sodium nitrite	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0001303-98-4	Borax 10 MOL	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0001310-73-2	Sodium Hydroxide	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0007632-00-0	Sodium nitrite	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

**Safety Data Sheet
26C**

SDS Revision Date:

04/09/2015

**8.2. Exposure controls
Respiratory**

Adequate ventilation is necessary. If adequate ventilation is not available, then use NIOSH/MSHA approved breathing apparatus.

Eyes

Chemical splash goggles and face shield.

Skin

Gloves, goggles, and chemical aprons are recommended when handling this chemical. Long-sleeved clothing (laundered before re-use) is recommended. Gloves coated with rubber, PVC, or other plastic required.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Have eyewash stations immediately available wherever exposure is possible and eye contact can occur. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	Liquid
Odor	Acrid
Odor threshold	Not Measured
pH	12-13.9
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	212 F
Flash Point	Not Flammable
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	Not Measured
Vapor Density	Not Measured
Specific Gravity	1.11 - 1.13 (H2O = 1)
Solubility in Water	Complete
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
Density	9.35 lb/gal

9.2. Other Information

**Safety Data Sheet
26C**

SDS Revision Date:

04/09/2015

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid contact with combustibles and flammable materials

10.5. Incompatible materials

Powdered zirconium

10.6. Hazardous decomposition products

No hazardous decomposition data available.

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Sodium nitrite - (7632-00-0)	180.00, Rat - Category: 3	No data available	No data available	5.50, Rat - Category: NA	No data available
Borax 10 MOL - (1303-96-4)	2,660.00, Rat - Category: 5	10,000.00, Rabbit - Category: NA	No data available	2.00, Rat - Category: 4	No data available
Sodium Hydroxide - (1310-73-2)	6,600.00, Mouse - Category: NA	1,350.00, Rabbit - Category: 4	600.00, Mouse - Category: NA	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	4	Harmful if swallowed.
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable

**Safety Data Sheet
26C**

SDS Revision Date:

04/09/2015

Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	1B	May cause cancer.
Reproductive toxicity	2	Suspected of damaging fertility.
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

Toxic to aquatic life

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	EC50 algae, mg/l
Sodium nitrite - (7632-00-0)	0.11, Oncorhynchus mykiss	12.50, Daphnia magna	159.00 (72 hr), Tetraselmis chuii
Borax 10 MOL - (1303-96-4)	74.00, Limanda limanda	484.00, Daphnia magna	24.00 (72 hr), Scenedesmus subspicatus
Sodium Hydroxide - (1310-73-2)	186.00, Poecilia reticulata	40.36, Ceriodaphnia dubia	Not Available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

**Safety Data Sheet
26C**

SDS Revision Date:

04/09/2015

Observe all federal, state and local regulations when disposing of this substance.

14. Transport Information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN3139	UN3139	UN3139
14.2. UN proper shipping name	UN3139, Oxidizing liquid, n.o.s., (Contains Sodium Nitrite), 5.1, III	Oxidizing liquid, n.o.s., (Contains Sodium Nitrite)	Oxidizing liquid, n.o.s., (Contains Sodium Nitrite)
14.3. Transport hazard class(es)	DOT Hazard Class: 5.1	IMDG: 5.1	Air Class: 5.1
14.4. Packing group	III	III	III
14.5. Environmental hazards			
IMDG	Marine Pollutant: No		
14.6. Special precautions for user	No further information		

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification D2A C

US EPA Tier II Hazards

Fire: No
Sudden Release of Pressure: No
Reactive: Yes
Immediate (Acute): Yes
Delayed (Chronic): Yes

EPCRA 311/312 Chemicals and RQs (lbs):

Sodium Hydroxide (1,000.00)

Sodium nitrite (100.00)

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

Sodium nitrite

Proposition 65 - Carcinogens (>0.0%):

26C
Page 9 of 11

**Safety Data Sheet
26C**

SDS Revision Date:

04/09/2015

N/A

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

Sodium Hydroxide

Sodium nitrite

Pennsylvania RTK Substances (>1%):

Borax 10 MOL

Sodium Hydroxide

Sodium nitrite

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H272 May intensify fire; oxidizer.

H301 Toxic if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H332 Harmful if inhaled.

H341 Suspected of causing genetic defects.

H350 May cause cancer.

H360FD May damage fertility. Suspected of damaging the unborn child.

H361f Suspected of damaging fertility.

H400 Very toxic to aquatic life.

H401 Toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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 a guidance for safe handling, use, processing,

26C
Page 10 of 11

Safety Data Sheet
26C

SDS Revision Date:

04/09/2015

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.

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