

SDS Revision Date: 06/12/2015

Sid Harvey item #'s F1-28, F1-39, F1-40 & F1-41

SDS # Z0193

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

1.1. Product identifier

Product Identity SID HARVEY HURRI-CLEAN, SUPER

CONCENTRATE F1-28, F1-39, F1-40, F1-41

Alternate Names SID HARVEY HURRI-CLEAN, SUPER

CONCENTRATE F1-28, F1-39, F1-40, F1-41

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

Intended useSee Technical Data Sheet.Application MethodSee Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name Jobe Industries Inc

1600 West Elizabeth Avenue

Linden, NJ 07036

Emergency

CHEMTREC (USA) (800) 424-9300 Customer Service: Jobe Industries Inc (908) 862-0400

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Acute Tox. 4:H302 Harmful if swallowed.

Acute Tox. 5;H313 May be harmful in contact with skin. (Not adopted by US OSHA)

Acute Tox. 4;H332 Harmful if inhaled.

Skin Corr. 1B;H314 Causes severe skin burns and eye damage.

Eye Dam. 1;H318 Causes serious eye damage.



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2.2. Label elements

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



Danger

H302 Harmful if swallowed.

H313 May be harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

[Prevention]:

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves / eye protection / face protection.

[Response]:

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P310 Immediately call a POISON CENTER or doctor / physician.

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P363 Wash contaminated clothing before reuse.

[Storage]:

P405 Store locked up.

[Disposal]:

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



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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
Ethylene glycol monobutyl ether CAS Number: 0000111-76-2	1.0 - 10	Acute Tox. 4;H332 Acute Tox. 4;H312 Acute Tox. 4;H302 Eye Irrit. 2;H319 Skin Irrit. 2;H315	[1][2]
Disodium metasilicate CAS Number: 0006834-92-0	1.0 - 10	Skin Corr. 1B;H314 STOT SE 3;H335	[1]

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

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 fresh 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 accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce

vomiting.

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

Overview No specific symptom data available. See section 2 for further details.

Inhalation Harmful if inhaled.

Eyes Causes serious eye damage.

Skin May be harmful in contact with skin. (Not adopted by US OSHA) Causes severe skin burns

and eye damage.

^[2] Substance with a workplace exposure limit.

^[3] PBT-substance or vPvB-substance.

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



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Ingestion Harmful if swallowed.

5. Fire-fighting measures

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray. Do not use; water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Hydrogen chloride and chlorine. Chlorine gas rate of decomposition increases with the concentration with temperatures above 85 degrees F (30C).

Avoid breathing dust / fume / gas / mist / vapors / spray.

5.3. Advice for fire-fighters

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove sources of ignition, do not turn lights or unprotected electrical equipment on or off. In case of a major spill or spillage in a confined space evacuate the area and check that solvent vapor levels are below the Lower Explosive Limit before re-entering.

6.2. Environmental precautions

Do not allow spills to enter drains or watercourses.

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

Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.



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7. Handling and storage

7.1. Precautions for safe handling

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: Any acidic material, ammonia, urea, oxidizable materials and metals such as nickel, copper, tin, aluminum and iron.

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
0000111-76-2	Ethylene glycol monobutyl ether		TWA 50 ppm (240 mg/m3) [skin]
			TWA: 20 ppmRevised 2003,
		NIOSH	TWA 5 ppm (24 mg/m3) [skin]
		Supplier	No Established Limit
0006834-92-0	Disodium metasilicate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	ACHAN TLV/OSHA 2mg/m³PEL 2mg/m³

Carcinogen Data

CAS No.	Ingredient	Source	Value		
0000111-76-2	Ethylene glycol monobutyl ether	OSHA	Select Carcinogen: No		
		NTP Known: No; Suspected: No			
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;		
0006834-92-0	Disodium metasilicate	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;		

8.2. Exposure controls

Respiratory

Use NIOSH/MSHA approved respirator, following manufacturer's recommendations when concentrations exceed permissible exposure limits.

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Eyes Wear safety glasses with side shields to protect the eyes. An eye wash station is

suggested as a good workplace practice.

Skin Chemical resistant clothing such as coveralls/apron boots should be worn. Emergency

eyewash station should be in close proximity. Chemical Impervious Gloves

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.

using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

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

9. Physical and chemical properties

Appearance Flourescent Green Liquid

Odor Unknown
Odor threshold Not Measured
pH 11.9-12.5
Melting point / freezing point Not Measured

Initial boiling point and boiling range 212F

Flash Point

Evaporation rate (Ether = 1)

Flammability (solid, gas)

Not Measured

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** 1.04280 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 VOC % Not Measured

9.2. Other informationNo other relevant information



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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

No data available.

10.5. Incompatible materials

Any acidic material, ammonia, urea, oxidizable materials and metals such as nickel, copper, tin, aluminum and iron.

10.6. Hazardous decomposition products

Hydrogen chloride and chlorine. Chlorine gas rate of decomposition increases with the concentration with temperatures above 85 degrees F (30C).

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr	Inhalation Gas LD50, ppm
Ethylene glycol monobutyl ether - (111-76-2)	1,414.00, Guinea Pig - Category: 4	>2,000.00, Rat - Category: 5	No data available	No data available	No data available
Disodium metasilicate - (6834-92-0)	1,153.00, Rat - Category: 4	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted ATE (Acute Toxicity 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)	5	May be harmful in contact with skin. (Not adopted by US OSHA)		
Acute toxicity (inhalation)	4	Harmful if inhaled.		
Skin corrosion/irritation	1B	Causes severe skin burns and eye damage.		
Serious eye damage/irritation	1	Causes serious eye damage.		
Respiratory sensitization		Not Applicable		
Skin sensitization		Not Applicable		
Germ cell mutagenicity		Not Applicable		
Carcinogenicity		Not Applicable		
Reproductive toxicity		Not Applicable		
STOT-single exposure		Not Applicable		
STOT-repeated exposure		Not Applicable		
Aspiration hazard		Not Applicable		



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12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Ethylene glycol monobutyl ether - (111-76-2)	220.00, Fish (Piscis)	1,000.00, Daphnia magna	Not Available
Disodium metasilicate - (6834-92-0)	210.00, Danio rerio	33.53, Ceriodaphnia dubia	400.00 (00 hr), Pseudokirchneriella subcapitata

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

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.

Liquids cannot be sent to landfills unless solidified. Unusable product and some collected, spent use-dilutions may require disposal as a hazardous waste at a permitted treatment/storage/disposal facility. If company effluent is ultimately treated by a publicly owned treatment works, neutralization of spent tank-solutions with subsequent discharge to the sewer may be possible.



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14. Transport information

DOT (Domestic Surface

Transportation)

IMO / IMDG (Ocean Transportation)

ICAO/IATA

14.1. UN number

14.2. UN proper shipping

Not Applicable
Not Regulated

Not Applicable
Not Regulated

Not Applicable

Not Applicable Not Regulated

name 14.3. Transport hazard

class(es)

DOT Hazard Class: Not

Applicable

IMDG: Not Applicable
Sub Class: Not Applicable

Air Class: Not Applicable

14.4. Packing group

DOT Label: ---Not Applicable

Not Applicable

14.5. Environmental hazards

IMDG Marine Pollutant: No

14.6. Special precautions for user

No further information

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

15. Regulatory information

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

regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

WHMIS Classification D2B E

US EPA Tier II Hazards Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:

(No Product Ingredients Listed)

EPCRA 302 Extremely Hazardous:

(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals:

Ethylene glycol monobutyl ether

Proposition 65 - Carcinogens (>0.0%):



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(No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0.0%):

(No Product Ingredients Listed)

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

(No Product Ingredients Listed)

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

(No Product Ingredients Listed)

N.J. RTK Substances (>1%):

Ethylene glycol monobutyl ether

Penn RTK Substances (>1%):

Ethylene glycol monobutyl ether

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:

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

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

Notice Thank you for your interest in, and use of, Jobe products. Jobe Industries Inc is pleased to be of service to you by supplying this Safety Data Sheet for your files. Jobe Manufacturing is concerned for your health and safety. Jobe products can be used safely with proper protective equipment and proper handling practices consistent with label instructions and the SDS. Before using any Jobe product, be sure to read the complete label and the Safety Data Sheet.

As a further word of caution, Jobe wishes to advise that serious accidents have resulted from the misuse of "emptied" containers. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, or other sources of ignition; they may explode or develop harmful vapors and possibly cause injury or death. Clean empty containers by triple rinsing with



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water or an appropriate solvent. Empty containers must be sent to a drum reconditioner before reuse.

SDS data pertains to the product as dispensed from the container. Adverse health effects would not be expected under recommended conditions of use (diluted) so long as prescribed safety precautions are practiced.

DISCLAIMER

All statements, technical information and recommendations contained herein are based on available scientific tests or data which we believe to be reliable. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. Jobe assumes no liability or responsibility for loss or damage resulting from the improper use or handling of our products, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the products label and Safety Data Sheet.

End of Document

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT SID HARVEY HURRI-CLEAN, SUPER CONCENTRATE F1-28, F1-39, F1-40, F1-41

MSDS DATE: 07/01/2009

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME SID HARVEY HURRI-CLEAN, SUPER CONCENTRATE F1-28, F1-39, F1-40, F1-41

MANUFACTURER: Jobe Industries Inc

ADDRESS: 1600 West Elizabeth Avenue, Linden, NJ 07036

EMERGENCY PHONE: (800) 338-8908 CHEMTREC PHONE: (800) 424-9300

PRODUCT TYPE:

Alkaline liquid cleaning compound

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT

C.A.S. NUMBER

PEL

2-Butoxy Ethanol Sodium Metasilicate 111-76-2

20 ppm TLV, 25 ppm PEL

<3

6834-92-0

No limit established

<5

SECTION 3: HAZARDS IDENTIFICATION

Routes of Entry:

Inhalation: minimal

Skin: yes

Ingestion: yes

Health Hazards: Eyes: burns

Skin: burns

Carcinogenity: no

NTP: no IARC Monographs: no

OSHA regulated: no

Signs & symptoms of exposure: irritation & redness of contact area.

SECTION 4: FIRST AID MEASURES

Emergency First aid Procedures:

EYES: Wash eyes immediately with large amounts of water. Occasionally lift lower and upper eyelids. Continue for at least 20 minutes. Get medical attention immediately.

SKIN: Remove contaminated garments and shoes immediately. Wash affected areas with large amounts of water for 15 -20 minutes. Get medical attention immediately.

INTERNAL: If swallowed DO NOT induce vomiting. Rinse mouth with water and then drink 1 to 2 glasses of water. NEVER give anything by mouth to an unconscious person. Contact a physician immediately.

BREATHING: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give respiration, keep individual warm and get immediate medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

FLASHPOINT: This product is non-flammable.

EXTINGUISHING MEDIA: This product is non-flammable. Use extinguishing media suitable for materials already burning. SPECIAL FIRE FIGHTING PROCEDURES:...... Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.

UNUSUAL FIRE AND EXPLOSION HAZARDS None known.

NFPA HAZARD CLASSIFICATION

HEALTH: OTHER: Alkali FLAMMABILITY: 1

REACTIVITY: 0

SECTION 6: ACCIDENTAL RELEASE MEASURES

WASTE DISPOSAL: As recommended by local, state and federal authorities.

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N/E = Not established N/A = Not applicable

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT SID HARVEY HURRI-CLEAN, SUPER CONCENTRATE F1-28, F1-39, F1-40, F1-41

MSDS DATE: 07/01/2009

SECTION 7: HANDLING AND STORAGE

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:........... Not usually needed in well-ventilated areas. If needed, use a NIOSH approved respirator.

PROTECTIVE CLOTHING: Nitrile or PVC gloves, and chemical splash goggles.

slippery.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: fluorescent green liquid slight solvent odor

VAPOR PRESSURE: N/A

VAPOR DENSITY (AIR=1): Greater than 1.

SPECIFIC GRAVITY: 1.058 pH @ 100%:11.6-12.0

BOILING POINT: 210 degrees F.

SOLUBILITY IN WATER: Completely soluble.

SECTION 10: STABILITY AND REACTIVITY

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: N/E

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/E

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: As recommended by local, state and federal authorities.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Compound, Cleaning Liquid (contains Sodium Metasilicate)

HAZARD CLASS: 8
ID NUMBER: NA1760
PACKING GROUP: II
LABEL STATEMENT: Corrosive

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS TSCA (TOXIC SUBSTANCE CONTROL ACT): N/E

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N/E = Not established N/A = Not applicable

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MSDS DATE: 07/01/2009

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: none

313 REPORTABLE INGREDIENTS: none

SECTION 16: OTHER INFORMATION