8EHQ-92-13200

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8EHQ-0211-13200B

DCN: 89110000118s

February 17, 2011

VIA CERTIFIED MAIL

Attn: TSCA Declassification Coordinator
U.S. Environmental Protection Agency
Office of Pollution Prevention and Toxics
Document Control Office (7407M)
Washington, D.C. 20460

Public Copy
Company Sanitized

Re: Declassification Activity-TSCA §8(e) Submission
8EHQ Number: 8EHQ-1092-13200s
Barcode: 88920011003
Supplemental Submission - Revised Public Copy of Submission

Dear TSCA Declassification Coordinator:

This submission is made pursuant to the EPA 2010 CBI Declassification Challenge.

Please find enclosed a revised public copy of the above-identified submission. Any information still claimed as confidential business information (CBI) in the attached report has been redacted and replaced by brackets. The originally assigned 8EHQ number has been added by the submitter to the first page of the enclosed revised public copy of the submission. The test substance description, as identified in an Index provided to submitter by EPA, is provided on the Attachment to this letter.

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Company Sanitized

Attachment

8EHQ-1092-13200s
Test Substance – Mixture of:

CAS Number	Chemical Name
00-00-0	ACRYLIC MODIFIED RESIN
112-80-1	OLEIC ACID
1310-58-3	POTASSIUM HYDROXIDE
61791-12-6	POE(22) ETHOXYLATED CASTOR OIL
68891-05-4	TELOMER B CITRATE URETHANE
7732-18-5	WATER
9038-95-3	OXIRANE METHYL-, POLYMER WITH OXINANE MONOBUTYL ETHER

Revised Public Copy
Originally Assigned 8EHQ Number: 8EHQ-1092-13200s
Company Sanitized - No CBI

[redacted]

Material Tested
[redacted]*

[redacted]

Other Codes/Synonyms
None

Study Initiated/Completed
5/7/80 - 5/29/80

[redacted]

INHALATION APPROXIMATE LETHAL CONCENTRATION (ALC)

Procedure: Groups of 6 male ChR-CD® rats, weighing between 230 and 284 grams, were exposed for single 4-hour periods to off-gases from [redacted]. All rats were observed during the exposure and clinical signs were noted. Following exposure, surviving rats were returned in pairs to suspended, stainless steel, wire-mesh cages and supplied Purina® Rodent Chow and water *ad libitum*. All rats were weighed and observed daily (except weekends) for 14 days post exposure

Generation: Aerosol atmospheres of [redacted] were generated by syringe driving the finish through a Spraying Systems nebulizer onto the heated (225°C) surface of an Instatherm® flask. Houseline air swept [redacted] into a 20-l glass exposure chamber.

Analytical: To analyze test chamber atmosphere, gravimetric samples were collected at 1/2 hour intervals. Known volumes of atmosphere were drawn through Gelman glass fiber filters (Type A-E, 47 mm). The atmospheric concentration of test material was determined from weight gain of the filter.

Results:

Concentration (mg/l)

Mean ([redacted])	Mean (Dry Weight Basis)	Standard Deviation	Range	Fractional Mortality # deaths/ # Exposed
0.07	0.01	0.005	0.003-0.014	0/6
0.50	0.07	0.02	0.04-0.12	1/6
1.43	0.20	0.07	0.04-0.27	6/6
4.92	0.69	0.07	0.61-0.79	6/6
5.50	0.77	0.23	0.25-0.94	6/6

All deaths occurred either during exposure or within 24 hours following exposure.

Observations

Exposure: Restlessness, rapid breathing, decreased response to sound, clear ocular and nasal discharge, wet fur and reddish ears.

Post Exposure: No overt clinical signs in survivors.

Summary: The acute inhalation toxicity of [redacted] was evaluated in groups of male rats given single 4-hour exposures. The Approximate Lethal Concentration (ALC) on a dry weight basis is 0.07 mg/l which is considered extremely toxic. The calculated ALC for [redacted] (with approximately 86% water) is 0.5 mg/l which is highly toxic. Adequate ventilation needs to be available and good industrial hygiene practices should be followed when using this material.

* Composition:

NS-2 (polyethylene/polypropylene oxide copolymer)
Synlube 106 (Ethoxylated Castor Oil)
TBCU (Telomer B Citrate Urethane)
AMR (Acrylic Modified Resin)
Water

[redacted]

Report by: [redacted]

Approved by: [redacted]

[redacted]

Date Issued: June 30, 1980
Date Reissued: July 17, 1980

[redacted]