



National Pollutant Release Inventory (NPRI) and



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Report Preview

Report Details

Report Year

2015

Report Type:

NPRI, ON MOE TRA, ON MOE

Report Status:

Update 1 - Submitted

Modified Date/Time:

09/01/2017 1:15 PM

Report Update Comments:

The Report is being updated with new quantities for several different substances as a result of revised composition data and transformations of substances.

Company and Facility Details

Company Name:

Mancuso Chemicals Limited

Business Number:

103477485

Mailing Address:

Delivery Mode: GeneralDelivery
Address Line 1: 5725 Progress Street Street
City, Province/Territory, Postal Code: Niagara Falls Ontario L2G0C1
Country: Canada

Facility Name:

NIAGARA FALLS

NAICS Code:

325210

NPRI ID:

728

ON Reg 127/01 ID:

200100

Physical Address:

Address Line 1: 5725 Progress Street
City, Province/Territory, Postal Code: Niagara Falls Ontario L2E6X8
Country: Canada
Latitude: 43.05520
Longitude: -79.08800
UTM Zone: 17
UTM Easting: 655588
UTM Northing: 4768596

Permits

Number or Permit Number:

200100

Government Department, Agency, or Program
Name:

ON MOE

Number or Permit Number:

5216-84QFB5

Government Department, Agency, or Program
Name:

MOE

Number or Permit Number:

0

Government Department, Agency, or Program
Name:

0

Contacts Details

Contact Type	Technical Contact, Company Coordinator
Name:	Shari Venneri
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Contact Type	Certifying Official, Highest Ranking Employee, Person who prepared the report, Public Contact
Name:	Dave Senior
Position:	General Manager
Telephone:	9053573626
Fax:	9053573631
Email:	dsenior@mancusochemicals.com

General Information

Number of employees:	43
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting of Dioxins, Furans and Hexacholorobenzene:	None of the above
Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):	Wood preservation using creosote: No
Is this the first time the facility is reporting to the NPRI (under current or past ownership):	No
Is the facility controlled by another Canadian company or companies:	No
Did the facility report under other environmental regulations or permits:	Yes
Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	No
Operating Schedule - Days of the Week:	Mon, Tue, Wed, Thu, Fri
Usual Number of Operating Hours per day:	24
Usual Daily Start Time (24h) (hh:mm):	07:00

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
95-63-6	1,2,4-Trimethylbenzene	0.0005	N/A	N/A	N/A	tonnes
111-76-2	2-Butoxyethanol	0.0000	N/A	N/A	N/A	tonnes
67-64-1	Acetone	0.0013	N/A	N/A	N/A	tonnes
80-05-7	Bisphenol A	0.0000	N/A	N/A	N/A	kg
98-82-8	Cumene	0.0000	N/A	N/A	N/A	tonnes
100-41-4	Ethylbenzene	0.0190	N/A	N/A	N/A	tonnes
107-21-1	Ethylene glycol	0.0000	N/A	N/A	N/A	tonnes
67-56-1	Methanol	0.0310	N/A	N/A	N/A	tonnes
101-68-8	Methylenebis(phenylisocyanate)	0.0000	N/A	N/A	N/A	tonnes
91-20-3	Naphthalene	0.0000	N/A	N/A	N/A	tonnes
108-95-2	Phenol (and its salts)	0.0032	N/A	N/A	N/A	tonnes

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
85-44-9	Phthalic anhydride	0.0000	N/A	N/A	N/A	tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	0.0000	N/A	N/A	N/A	tonnes
7664-93-9	Sulphuric acid	0.0000	N/A	N/A	N/A	tonnes
108-88-3	Toluene	0.0853	N/A	N/A	N/A	tonnes
1330-20-7	Xylene (all isomers)	0.0135	N/A	N/A	N/A	tonnes

Applicable Programs

CAS RN	Substance Name	NPRI	ON MOE TRA	ON MOE Reg 127/01	First report for this substance to the ON MOE TRA
95-63-6	1,2,4-Trimethylbenzene	Yes	Yes		Yes
111-76-2	2-Butoxyethanol	Yes	Yes		Yes
67-64-1	Acetone		Yes	Yes	Yes
80-05-7	Bisphenol A	Yes	Yes		Yes
98-82-8	Cumene	Yes	Yes		Yes
100-41-4	Ethylbenzene	Yes	Yes		Yes
107-21-1	Ethylene glycol	Yes	Yes		Yes
67-56-1	Methanol	Yes	Yes		Yes
101-68-8	Methylenebis(phenylisocyanate)	Yes	Yes		Yes
91-20-3	Naphthalene	Yes	Yes		Yes
108-95-2	Phenol (and its salts)	Yes	Yes		Yes
85-44-9	Phthalic anhydride	Yes	Yes		Yes
9016-87-9	Polymeric diphenylmethane diisocyanate	Yes	Yes		Yes
7664-93-9	Sulphuric acid	Yes	Yes		Yes
108-88-3	Toluene	Yes	Yes		Yes
1330-20-7	Xylene (all isomers)	Yes	Yes		Yes

General Information about the Substance - Releases and Transfers of the Substance

CAS RN	Substance Name	Was the substance released on-site	The substance will be reported as the sum of releases to all media (total of 1 tonne or less)	1 tonne or more of a Part 5 Substance (Speciated VOC) was released to air
95-63-6	1,2,4-Trimethylbenzene	Yes	No	No
111-76-2	2-Butoxyethanol	Yes	No	No
80-05-7	Bisphenol A	Yes	No	No
98-82-8	Cumene	Yes	No	No
100-41-4	Ethylbenzene	Yes	No	No
107-21-1	Ethylene glycol	Yes	No	No
67-56-1	Methanol	Yes	No	No
101-68-8	Methylenebis(phenylisocyanate)	Yes	No	No
91-20-3	Naphthalene	Yes	No	No
108-95-2	Phenol (and its salts)	Yes	No	No
85-44-9	Phthalic anhydride	Yes	No	No
9016-87-9	Polymeric diphenylmethane diisocyanate	Yes	No	No
7664-93-9	Sulphuric acid	Yes	No	No
108-88-3	Toluene	Yes	No	No
1330-20-7	Xylene (all isomers)	Yes	No	No

General Information about the Substance - Disposals and Off-site Transfers for Recycling

CAS RN	Substance Name	Was the substance disposed of (on-site or off-site), or transferred for treatment prior to final disposal	Is the facility required to report on disposals of tailings and waste rock for the selected reporting period	Was the substance transferred off-site for recycling
95-63-6	1,2,4-Trimethylbenzene	No	No	No
111-76-2	2-Butoxyethanol	No	No	No
80-05-7	Bisphenol A	No	No	No
98-82-8	Cumene	No	No	No
100-41-4	Ethylbenzene	No	No	No
107-21-1	Ethylene glycol	No	No	No
67-56-1	Methanol	No	No	No

CAS RN	Substance Name	Was the substance disposed of (on-site or off-site), or transferred for treatment prior to final disposal	Is the facility required to report on disposals of tailings and waste rock for the selected reporting period	Was the substance transferred off-site for recycling
101-68-8	Methylenebis(phenylisocyanate)	No	No	No
91-20-3	Naphthalene	No	No	No
108-95-2	Phenol (and its salts)	No	No	No
85-44-9	Phthalic anhydride	No	No	No
9016-87-9	Polymeric diphenylmethane diisocyanate	No	No	No
7664-93-9	Sulphuric acid	No	No	No
108-88-3	Toluene	No	No	No
1330-20-7	Xylene (all isomers)	No	No	No

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
95-63-6	1,2,4-Trimethylbenzene		As a formulation component	
111-76-2	2-Butoxyethanol		As a formulation component	
80-05-7	Bisphenol A		As a formulation component	
98-82-8	Cumene		As a formulation component	
100-41-4	Ethylbenzene		As a formulation component	
107-21-1	Ethylene glycol		As a formulation component	
67-56-1	Methanol		As a formulation component	
101-68-8	Methylenebis(phenylisocyanate)		As a formulation component	
91-20-3	Naphthalene		As a formulation component	
108-95-2	Phenol (and its salts)		As a formulation component	
85-44-9	Phthalic anhydride		As a formulation component	
9016-87-9	Polymeric diphenylmethane diisocyanate		As a formulation component	
7664-93-9	Sulphuric acid		As a formulation component	
108-88-3	Toluene		As a formulation component	
1330-20-7	Xylene (all isomers)		As a formulation component	

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained	Quantity	Use ranges for public reporting
95-63-6	1,2,4-Trimethylbenzene	Use	85.684 tonnes	Yes
95-63-6	1,2,4-Trimethylbenzene	Creation	0 tonnes	Yes
95-63-6	1,2,4-Trimethylbenzene	Contained	85.684 tonnes	Yes
111-76-2	2-Butoxyethanol	Use	16.553 tonnes	Yes
111-76-2	2-Butoxyethanol	Creation	0 tonnes	Yes
111-76-2	2-Butoxyethanol	Contained	16.553 tonnes	Yes
67-64-1	Acetone	Use	17.396 tonnes	Yes
67-64-1	Acetone	Creation	0 tonnes	Yes
67-64-1	Acetone	Contained		
80-05-7	Bisphenol A	Use	99527 kg	Yes
80-05-7	Bisphenol A	Creation	0 kg	Yes
80-05-7	Bisphenol A	Contained	99527 kg	Yes
98-82-8	Cumene	Use	14.753 tonnes	Yes
98-82-8	Cumene	Creation	0 tonnes	Yes
98-82-8	Cumene	Contained	11.508 tonnes	Yes
100-41-4	Ethylbenzene	Use	204.154 tonnes	Yes
100-41-4	Ethylbenzene	Creation	0 tonnes	Yes
100-41-4	Ethylbenzene	Contained	176.967 tonnes	Yes
107-21-1	Ethylene glycol	Use	73.366 tonnes	Yes
107-21-1	Ethylene glycol	Creation	0 tonnes	Yes
107-21-1	Ethylene glycol	Contained	73.366 tonnes	Yes
67-56-1	Methanol	Use	149.419 tonnes	Yes
67-56-1	Methanol	Creation	0 tonnes	Yes
67-56-1	Methanol	Contained	149.388 tonnes	Yes
101-68-8	Methylenebis(phenylisocyanate)	Use	615.030 tonnes	No
101-68-8	Methylenebis(phenylisocyanate)	Creation	0 tonnes	No

CAS RN	Substance Name	Use, Creation, Contained	Quantity	Use ranges for public reporting
101-68-8	Methylenebis(phenylisocyanate)	Contained	615.030 tonnes	No
91-20-3	Naphthalene	Use	36.043 tonnes	Yes
91-20-3	Naphthalene	Creation	0 tonnes	Yes
91-20-3	Naphthalene	Contained	36.043 tonnes	Yes
108-95-2	Phenol (and its salts)	Use	1947.333 tonnes	Yes
108-95-2	Phenol (and its salts)	Creation	0 tonnes	Yes
108-95-2	Phenol (and its salts)	Contained	56.141 tonnes	Yes
85-44-9	Phthalic anhydride	Use	538.625 tonnes	Yes
85-44-9	Phthalic anhydride	Creation	0 tonnes	Yes
85-44-9	Phthalic anhydride	Contained	0 tonnes	Yes
9016-87-9	Polymeric diphenylmethane diisocyanate	Use	845.633 tonnes	Yes
9016-87-9	Polymeric diphenylmethane diisocyanate	Creation	0 tonnes	Yes
9016-87-9	Polymeric diphenylmethane diisocyanate	Contained	845.633 tonnes	Yes
7664-93-9	Sulphuric acid	Use	368.293 tonnes	Yes
7664-93-9	Sulphuric acid	Creation	0 tonnes	Yes
7664-93-9	Sulphuric acid	Contained	368.293 tonnes	Yes
108-88-3	Toluene	Use	612.523 tonnes	Yes
108-88-3	Toluene	Creation	0 tonnes	Yes
108-88-3	Toluene	Contained	240.474 tonnes	Yes
1330-20-7	Xylene (all isomers)	Use	686.017 tonnes	Yes
1330-20-7	Xylene (all isomers)	Creation	0 tonnes	Yes
1330-20-7	Xylene (all isomers)	Contained	595.443 tonnes	Yes

TRA Quantifications - Others

CAS RN	Substance Name	Change in Method of Quantification	Reasons for Change	Description of how the change impact tracking and quantification of the substance	Incidents out of the normal course of events	Significant Process Change
95-63-6	1,2,4-Trimethylbenzene					No
111-76-2	2-Butoxyethanol					No
67-64-1	Acetone					No
80-05-7	Bisphenol A					No
98-82-8	Cumene					No
100-41-4	Ethylbenzene					No
107-21-1	Ethylene glycol					No
67-56-1	Methanol					No
101-68-8	Methylenebis(phenylisocyanate)					No
91-20-3	Naphthalene					No
108-95-2	Phenol (and its salts)					No
85-44-9	Phthalic anhydride					No
9016-87-9	Polymeric diphenylmethane diisocyanate					No
7664-93-9	Sulphuric acid					No
108-88-3	Toluene					No
1330-20-7	Xylene (all isomers)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
95-63-6	1,2,4-Trimethylbenzene	Stack or Point Releases	O - Engineering Estimates		0.0005 tonnes
111-76-2	2-Butoxyethanol	Stack or Point Releases	O - Engineering Estimates		0.0000 tonnes
67-64-1	Acetone	Stack or Point Releases	O - Engineering Estimates		0.0013 tonnes
80-05-7	Bisphenol A	Stack or Point Releases	O - Engineering Estimates		0.0000 kg
98-82-8	Cumene	Stack or Point Releases	O - Engineering Estimates		0.0000 tonnes
100-41-4	Ethylbenzene	Stack or Point Releases	O - Engineering Estimates		0.019 tonnes
107-21-1	Ethylene glycol	Stack or Point Releases	O - Engineering Estimates		0.0000 tonnes
67-56-1	Methanol	Stack or Point Releases	O - Engineering Estimates		0.031 tonnes
101-68-8	Methylenebis(phenylisocyanate)	Stack or Point Releases	O - Engineering Estimates		0.0000 tonnes
91-20-3	Naphthalene	Stack or Point Releases	O - Engineering Estimates		0.0000 tonnes
108-95-2	Phenol (and its salts)	Stack or Point Releases	O - Engineering Estimates		0.0032 tonnes

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
85-44-9	Phthalic anhydride	Stack or Point Releases	O - Engineering Estimates		0.0000 tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	Stack or Point Releases	O - Engineering Estimates		0 tonnes
7664-93-9	Sulphuric acid	Stack or Point Releases	O - Engineering Estimates		0.0000 tonnes
108-88-3	Toluene	Stack or Point Releases	O - Engineering Estimates		0.0853 tonnes
1330-20-7	Xylene (all isomers)	Stack or Point Releases	O - Engineering Estimates		0.0135 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
95-63-6	1,2,4-Trimethylbenzene	0.0005 tonnes
111-76-2	2-Butoxyethanol	0.0000 tonnes
67-64-1	Acetone	0.0013 tonnes
80-05-7	Bisphenol A	0.0000 kg
98-82-8	Cumene	0.0000 tonnes
100-41-4	Ethylbenzene	0.019 tonnes
107-21-1	Ethylene glycol	0.0000 tonnes
67-56-1	Methanol	0.031 tonnes
101-68-8	Methylenebis(phenylisocyanate)	0.0000 tonnes
91-20-3	Naphthalene	0.0000 tonnes
108-95-2	Phenol (and its salts)	0.0032 tonnes
85-44-9	Phthalic anhydride	0.0000 tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	0 tonnes
7664-93-9	Sulphuric acid	0.0000 tonnes
108-88-3	Toluene	0.0853 tonnes
1330-20-7	Xylene (all isomers)	0.0135 tonnes

On-site Releases - Total

CAS RN	Substance Name	Total releases
95-63-6	1,2,4-Trimethylbenzene	0.0005 tonnes
111-76-2	2-Butoxyethanol	0.0000 tonnes
80-05-7	Bisphenol A	0.0000 kg
98-82-8	Cumene	0.0000 tonnes
100-41-4	Ethylbenzene	0.019 tonnes
107-21-1	Ethylene glycol	0.0000 tonnes
67-56-1	Methanol	0.031 tonnes
101-68-8	Methylenebis(phenylisocyanate)	0.0000 tonnes
91-20-3	Naphthalene	0.0000 tonnes
108-95-2	Phenol (and its salts)	0.0032 tonnes
85-44-9	Phthalic anhydride	0.0000 tonnes
9016-87-9	Polymeric diphenylmethane diisocyanate	0 tonnes
7664-93-9	Sulphuric acid	0.0000 tonnes
108-88-3	Toluene	0.0853 tonnes
1330-20-7	Xylene (all isomers)	0.0135 tonnes

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
95-63-6	1,2,4-Trimethylbenzene	25	25	25	25
100-41-4	Ethylbenzene	25	25	25	25
67-56-1	Methanol	25	25	25	25
108-95-2	Phenol (and its salts)	25	25	25	25
108-88-3	Toluene	25	25	25	25
1330-20-7	Xylene (all isomers)	25	25	25	25

On-site Releases - Reasons for Changes in Quantities Released from Previous Year

CAS RN	Substance Name	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
100-41-4	Ethylbenzene	No significant change (i.e. < 10%) or no change	

CAS RN	Substance Name	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
101-68-8	Methylenebis(phenylisocyanate)	No significant change (i.e. < 10%) or no change	
107-21-1	Ethylene glycol	Not applicable (first year reporting this substance)	
108-88-3	Toluene	No significant change (i.e. < 10%) or no change	
108-95-2	Phenol (and its salts)	No significant change (i.e. < 10%) or no change	
111-76-2	2-Butoxyethanol	Changes in production levels	
1330-20-7	Xylene (all isomers)	No significant change (i.e. < 10%) or no change	
67-56-1	Methanol	Changes in production levels	
7664-93-9	Sulphuric acid	Changes in production levels	
80-05-7	Bisphenol A	Changes in production levels	
85-44-9	Phthalic anhydride	Changes in production levels	
9016-87-9	Polymeric diphenylmethane diisocyanate	Changes in production levels	
91-20-3	Naphthalene	No significant change (i.e. < 10%) or no change	
95-63-6	1,2,4-Trimethylbenzene	No significant change (i.e. < 10%) or no change	
98-82-8	Cumene	No significant change (i.e. < 10%) or no change	

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
100-41-4	Ethylbenzene		No significant change (i.e. < 10%) or no change	
101-68-8	Methylenebis(phenylisocyanate)		No significant change (i.e. < 10%) or no change	
107-21-1	Ethylene glycol		Not applicable (first year reporting this substance)	
108-88-3	Toluene		No significant change (i.e. < 10%) or no change	
108-95-2	Phenol (and its salts)		No significant change (i.e. < 10%) or no change	
111-76-2	2-Butoxyethanol		No significant change (i.e. < 10%) or no change	
1330-20-7	Xylene (all isomers)		No significant change (i.e. < 10%) or no change	
67-56-1	Methanol		No significant change (i.e. < 10%) or no change	
7664-93-9	Sulphuric acid		No significant change (i.e. < 10%) or no change	
80-05-7	Bisphenol A		No significant change (i.e. < 10%) or no change	
85-44-9	Phthalic anhydride		No significant change (i.e. < 10%) or no change	
9016-87-9	Polymeric diphenylmethane diisocyanate		No significant change (i.e. < 10%) or no change	
91-20-3	Naphthalene		No significant change (i.e. < 10%) or no change	
95-63-6	1,2,4-Trimethylbenzene		No significant change (i.e. < 10%) or no change	
98-82-8	Cumene		No significant change (i.e. < 10%) or no change	

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
100-41-4	Ethylbenzene		No significant change (i.e. < 10%) or no change	
101-68-8	Methylenebis(phenylisocyanate)		No significant change (i.e. < 10%) or no change	
107-21-1	Ethylene glycol		Not applicable (first year reporting this substance)	
108-88-3	Toluene		No significant change (i.e. < 10%) or no change	
108-95-2	Phenol (and its salts)		No significant change (i.e. < 10%) or no change	
111-76-2	2-Butoxyethanol		No significant change (i.e. < 10%) or no change	
1330-20-7	Xylene (all isomers)		No significant change (i.e. < 10%) or no change	
67-56-1	Methanol		No significant change (i.e. < 10%) or no change	
7664-93-9	Sulphuric acid		No significant change (i.e. < 10%) or no change	
80-05-7	Bisphenol A		No significant change (i.e. < 10%) or no change	
85-44-9	Phthalic anhydride		No significant change (i.e. < 10%) or no change	
9016-87-9	Polymeric diphenylmethane diisocyanate		No significant change (i.e. < 10%) or no change	
91-20-3	Naphthalene		No significant change (i.e. < 10%) or no change	
95-63-6	1,2,4-Trimethylbenzene		No significant change (i.e. < 10%) or no change	
98-82-8	Cumene		No significant change (i.e. < 10%) or no change	

Pollution Prevention

Does the facility have a documented pollution prevention plan?

No

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

Comments (optional)

I hereby certify that I have exercised due diligence to ensure that the submitted information is true and complete. The amounts and values for the facility(ies) identified below are accurate, based on reasonable estimates using available data. The data for the facility(ies) that I represent are hereby submitted to the programs identified below using the Single Window Reporting Application.

I also acknowledge that the data will be made public.

Note: Only the person identified as the Certifying Official or the authorized delegate should submit the report(s) identified below.

Company Name

Mancuso Chemicals Limited

Certifying Official (or authorized delegate)

Dave Senior

Report Submitted by

Dave Senior

I, the Certifying Official or authorized delegate, agree with the statements above and acknowledge that by pressing the "Submit Report(s)" button, I am electronically certifying and submitting the facility report(s) for the identified company to its affiliated programs.

ON MOE TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 09/01/2017, I, Dave Senior, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

TRA Substance List

CAS RN	Substance Name
95-63-6	1,2,4-Trimethylbenzene
111-76-2	2-Butoxyethanol
67-64-1	Acetone
80-05-7	Bisphenol A
98-82-8	Cumene
100-41-4	Ethylbenzene
107-21-1	Ethylene glycol
67-56-1	Methanol
101-68-8	Methylenebis(phenylisocyanate)
91-20-3	Naphthalene
108-95-2	Phenol (and its salts)
85-44-9	Phthalic anhydride
9016-87-9	Polymeric diphenylmethane diisocyanate
7664-93-9	Sulphuric acid
108-88-3	Toluene
1330-20-7	Xylene (all isomers)

Company Name

Mancuso Chemicals Limited