

Quantification Comparison

Modatek Systems

Manganese (no single cas number applies)

Categories	Change in Tracking/Quantification	Description & Reason for change in substance	2011 Reporting Year (tonnes)	2010 Reporting Year (tonnes)	Percent Change *	Reasons for change/ Significant process change
Used	No	N/A	100-1000	100-1000	27%	Change in production levels/ No significant process change
Created	No	N/A	N/A	N/A	N/A	N/A
Transformed	No	N/A	N/A	N/A	N/A	N/A
On-site Release	No	N/A	0.15	0.14	7%	Change in production levels/ No significant process change
Off-site Disposal	No	N/A	0.03	0.13	108%	Change in production levels/ No significant process change
Off-site Recycling	No	N/A	39.52	40.00	1%	Change in production levels/ No significant process change
Contained In Product	No	N/A	100-1000	100-1000	223%	Change in production levels/ No significant process change

*based on detailed accounting